

AAAI-18 Main Track Accepted Paper List

(The following list includes all accepted papers for the main track of AAAI-18. The list is sorted according to title order. Titles and author order may not be final. Final titles and author order will be reflected in the final program and proceedings according to what was submitted by authors at the camera-ready copy deadline.)

280 Birds with One Stone: Inducing Multilingual Taxonomies from Wikipedia Using Character-level Classification

Amit Gupta*, Remi Le Bret, Hamza Harkous, Karl Aberer

3D Box Proposals from a Single Monocular Image of an Indoor Scene

Wei Zhuo*, Mathieu Salzmann, Xuming He, miaomiao Liu

A Batch Learning Framework for Scalable Personalized Ranking

Kuan Liu*, Prem Natarajan

A Bayesian Clearing Mechanism for Combinatorial Auctions

Gianluca Brero*, Sébastien Lahaie

A Cascaded Inception of Inception Network with Attention Modulated Feature Fusion for Human Pose Estimation

Wentao Liu*, Jie Chen, Cheng Li, Chen Qian, Xiao Chu, Xiaolin Hu

A Change-Detection based Framework for Piecewise-stationary Multi-Armed Bandit Problem

Fang Liu*, Joohyun Lee, Ness Shroff

A Combinatorial-bandit Algorithm for the Online Joint Bid/Budget Optimization of Pay-per-click Advertising Campaigns

Francesco Trovo*, Alessandro Nuara, Nicola Gatti, Marcello Restelli

A Continuous Relaxation of Beam Search for End-to-end Training of Neural Sequence Models

Kartik Goyal*, Graham Neubig, Chris Dyer, Taylor Berg-Kirkpatrick

A Coverage-Based Utility Model for Identifying Unknown Unknowns

Gagan Bansal*, Daniel Weld

A Deep Cascade Network for Unaligned Face Attribute Classification

Hui Ding*, Hao Zhou, Shaohua Zhou, Rama Chellappa

A Deep Generative Framework for Paraphrase Generation

Ankush Gupta*, Arvind Agarwal, Prawaan Singh, Piyush Rai

A Deep Model with Local Surrogate Loss for General Cost-sensitive Multi-label Learning

Cheng-Yu Hsieh*, Yi-An Lin, Hsuan-Tien Lin

A Deep Ranking Model for Spatio-Temporal Highlight Detection from a 360° Video

Youngjae Yu, Sangho Lee, Joonil Na, Gunhee Kim*, Jaeyun Kang

A Framework and Positive Results for IAR-answering

Despoina Trivela*, Giorgos Stoilos, Vasilis Vassalos

A Framework for Multistream Regression with Direct Density Ratio Estimation
Ahsanul Haque, Hemeng Tao*, Swarup Chandra, Jie Liu, Latifur Khan

A General Formulation for Safely Exploiting Weakly Supervised Data
Lan-Zhe Guo, Yu-feng Li*

A Knowledge-Grounded Neural Conversation Model
Marjan Ghazvininejad*, Chris Brockett, Ming-Wei Chang, Bill Dolan, Jianfeng Gao, Wen-Tau Yih, Michel Galley

A Low-Cost Ethics Shaping Approach for Designing Reinforcement Learning Agents
Yueh-Hua Wu*, Shou-de Lin

A Multi-task Learning Approach for Improving Product Title Compression with User Search Log Data
Jingang Wang*, Junfeng Tian, Long Qiu, Sheng Li, Jun Lang, Luo Si, Man Lan

A Multi-View Fusion Neural Network for Answer Selection
Lei Sha*, Jin-ge Yao, Sujian Li, Baobao Chang, Zhifang Sui

A Multilayer Convolutional Encoder-Decoder Neural Network for Grammatical Error Correction
Shamil Chollampatt, Hwee Tou Ng*

A Network-Specific Markov Random Field Approach to Community Detection
Dongxiao He*, Xinxin You, Zhiyong Feng, Di Jin, Xue Yang, Weixiong Zhang

A Neural Attention Model for Urban Air Quality Inference: Learning the Weights of Monitoring Stations
Weiyu Cheng, Yanyan Shen*, Yanmin Zhu, linpeng Huang

A Neural Stochastic Volatility Model
Rui Luo*, Jun Wang, Weinan Zhang, Xiaojun Xu

A Neural Transition-Based Approach for Semantic Dependency Graph Parsing
Yuxuan Wang*, Wanxiang Che, Jiang Guo, Ting Liu

A Parallelizable Acceleration Framework for Packing Linear Programs
Palma London*, Shai Vardi, Adam Wierman, Hanling Yi

A Plasticity-centric Approach to Train the Non-differential Spiking Neural Networks
Tielin Zhang*, Yi Zeng, Mengting Shi, Dongcheng Zhao

A Poisson Gamma Probabilistic Model for Latent Node-group Memberships in Dynamic Networks
Sikun Yang*, Heinz Koepl

A Probabilistic Hierarchical Model for Multi-view and Multi-feature Classification
Jinxing Li*, Hongwei Yong, Bob Zhang, Mu Li, Lei Zhang, David Zhang

A Provable Approach for Double-Sparse Coding
Thanh Nguyen*, Raymond Wong, Chinmay Hegde

A Question-Focused Multi-Factor Attention Network for Question Answering
Souvik Kundu, Hwee Tou Ng*

A Recursive Algorithm to Generate Balanced Weekend Tournaments
Richard Hoshino*

A Recursive Scenario Decomposition Algorithm for Combinatorial Multistage Stochastic
Optimisation Problems
David Hemmi*, Guido Tack, Mark Wallace

A Regression Approach for Modeling Games with Many Symmetric Players
Bryce Wiedenbeck*, Fengjun Yang, Michael Wellman

A SAT+CAS Method for Enumerating Williamson Matrices of Even Order
Curtis Bright*, Ilias Kotsireas, Vijay Ganesh

A Semantic QA-Based Approach for Text Summarization Evaluation
Ping Chen*, Fei Wu, Tong Wang, Wei Ding

A Spherical Hidden Markov Model for Semantics-Rich Human Mobility Modeling
Wanzheng Zhu*, Chao Zhang, Shuochao Yao, Xiaobin Gao, Jiawei Han

A Two-Stage MaxSAT Reasoning Approach for the Maximum Weight Clique Problem
Hua Jiang*, Chu-min Li, Yanli Liu, Felip Manyà

A Unified Model for Document-based Question Answering Based on Human-like Reading
Strategy
Weikang Li*, Wei Li, Yunfang Wu

A Voting-Based System for Ethical Decision Making
Ritesh Noothigattu, Snehal Kumar `Neil' Gaikwad, Edmond Awad, Sohan D'Souza, Iyad
Rahwan, Pradeep Ravikumar, Ariel Procaccia*

Accelerated Best-first Search with Upper-bound Computation for Submodular Function
Maximization
Shinsaku Sakaue*, Masakazu Ishihata

Accelerated Method for Stochastic Composition Optimization with Nonsmooth Regularization
Zhouyuan Huo, Bin Gu, Heng Huang*

Accelerated Training for Massive Classification via Dynamic Class Selection
Xingcheng Zhang*, Lei Yang, Junjie Yan, Dahua LIN

Acquiring Common Sense Spatial Knowledge through Implicit Spatial Templates
Guillem Collell*, Marie-Francine Moens, Luc Van Gool

Action Branching Architectures for Deep Reinforcement Learning
Arash Tavakoli*, Fabio Pardo, Petar Kormushev

Action Prediction from Videos via Memorizing Hard-to-Predict Samples
Yu Kong*, Shangqian Gao, Bin Sun, Yun Fu

Action Recognition from Skeleton Data via Analogical Generalization over Qualitative Representations

Kezhen Chen*, Kenneth Forbus

Action Recognition with Coarse-to-Fine Deep Feature Integration and Asynchronous Fusion

Weiyao Lin*, Yang Mi, Jianxin Wu, Ke Lu, Hongkai Xiong

Action Schema Networks: Generalised Policies with Deep Learning

Sam Toyer*, Felipe Trevizan, Sylvie Thiebaux, Lexing Xie

Actionable Email Intent Modeling with Reparametrized RNNs

Chu-Cheng Lin*, Patrick Pantel, Michael Gamon, Dongyeop Kang

Active Lifelong Learning with "Watchdog"

Gan Sun*, Yang Cong, Xiaowei Xu

AdaComp : Adaptive Residual Gradient Compression for Data-Parallel Distributed Training

Chia-Yu Chen*, Jungwook Choi, Daniel Brand, Ankur Agrawal, Wei Zhang, Kailash Gopalakrishnan

AdaFlock: Adaptive Feature Discovery for Human-in-the-loop Predictive Modeling

Ryusuke Takahama, Yukino Baba*, Nobuyuki Shimizu, Sumio Fujita, Hisashi Kashima

Adapting a Kidney Exchange Algorithm to Align with Human Values

Rachel Freedman, Jana Schaich Borg, Walter Sinnott-Armstrong, John Dickerson*, Vincent Conitzer

Adaptive Co-attention Network for Named Entity Recognition in Tweets

Qi Zhang, Jinlan Fu*, Xiaoyu Liu, Xuanjing Huang

Adaptive Feature Abstraction for Translating Video to Text

Yunchen Pu*, Martin Renqiang Min, Zhe Gan, Lawrence Carin

Adaptive Graph Convolutional Neural Networks

Ruoyu Li*, Sheng Wang, Feiyun Zhu, Junzhou Huang

Adaptive Quantization for Deep Neural Network

Yiren Zhou*, Seyed-Mohsen Moosavi-Dezfooli, Ngai-Man Cheung, Pascal Frossard

Addressee and Response Selection in Multi-Party Conversations with Speaker Interaction RNNs

Rui Zhang*, Honglak Lee, Lazaros Polymenakos, Dragomir Radev

Adversarial Discriminative Heterogeneous Face Recognition

Lingxiao Song*, Man Zhang, Xiang Wu, Ran He

Adversarial Dropout for Supervised and Semi-Supervised Learning

Sungrae Park*, Jun-Keon Park, Su-Jin Shin, Il chul Moon

Adversarial Learning for Chinese NER from Crowd Annotations

YaoSheng Yang, Meishan Zhang, Wenliang CHEN*, Haofen Wang, Wei Zhang, Min Zhang

Adversarial Learning of Portable Student Networks

Yunhe Wang*, Chang Xu, Chao Xu, Dacheng Tao

Adversarial Network Embedding

Quanyu Dai*, Qiang Li, Jian Tang, Dan Wang

Adversarial Zero-shot Learning with Semantic Augmentation

Bin Tong*, Martin Klinkigt, Junwen Chen, Xiankun Cui, Quan Kong, tomokazu Murakami, yoshiyuki Kobayashi

AIVAT: A New Variance Reduction Technique for Agent Evaluation in Imperfect Information Games

Neil Burch, Martin Schmid*, Matej Moravcik, Dustin Morill, Michael Bowling

AJILE Movement Prediction: Multimodal Deep Learning for Natural Human Neural Recordings and Video

Xin Ru (Nancy) Wang*, Ali Farhadi, Rajesh Rao, Bingni Brunton

Algorithms for Generalized Topic Modeling

Avrim Blum, Nika Haghtalab*

Algorithms for Trip-Vehicle Assignment in Ride-Sharing

Xiaohui Bei*, Shengyu Zhang

Allocation Problems in Ride-Sharing Platforms: Online Matching with Offline Reusable Resources

John Dickerson, Karthik Abinav Sankararaman*, Aravind Srinivasan, Pan Xu

Alternating Circulant Random Features for Semigroup Kernels

Yusuke Mukuta*, Yoshitaka Ushiku, Tatsuya Harada

Alternating Optimisation and Quadrature for Robust Control

Supratik Paul*, Shimon Whiteson, Michael Osborne, Konstantinos Chatzilygeroudis, Kamil Ciosek, Jean-Baptiste Mouret

AMR Parsing with Cache Transition Systems

Xiaochang Peng*, Daniel Gildea, Giorgio Satta

An Adversarial Hierarchical Hidden Markov Model for Human Pose Modeling and Generation

Rui Zhao*, Qiang Ji

An AI Planning Solution to Scenario Generation for Enterprise Risk Management

Shirin Sohrabi*, Anton Riabov, Michael Katz, Octavian Udrea

An Ant-based Algorithm to Solve Distributed Constraint Optimization Problems

Ziyu Chen*, Tengfei Wu, Yanchen Deng, Cheng Zhang

An Axiomatization of the Eigenvector and Katz Centralities

Tomasz Waż*, Oskar Skibski

An Efficient, Expressive and Local Minima-free Method for Learning Controlled Dynamical Systems

Ahmed Hefny*, Geoff Gordon, Carlton Downey

An End-to-End Deep Learning Architecture for Graph Classification
Muhan Zhang*, Zhicheng Cui, Marion Neumann, Chen Yixin

An Euclidean Distance based on Tensor Product Graph Diffusion Related Attribute Value
Embedding for Nominal Data Clustering
Lei Gu*, NingNing Zhou, Yang Zhao

An Experimental Study of Advice in Sequential Decision-Making under Uncertainty
Florian Benavent*, Bruno Zanuttini

An Interactive Multi-Label Consensus Labeling Model for Multiple Labeler Judgments
Ashish Kulkarni*, Narasimha Raju Uppalapati, Pankaj Singh, Ganesh Ramakrishnan

An Interpretable Generative Adversarial Approach to Classification of Latent Entity Relations
in Unstructured Sentences
Shiou Tian Hsu*, Changsung Moon, Paul Jones, Nagiza Samatova

An Interpretable Joint Graphical Model for Fact-Checking from Crowds
An Thanh Nguyen*, Aditya Kharosekar, Byron Wallace, Matt Lease

An Online Crowdsourced Task Assignment Approach for Multi-Skilled Workers
Liang Qiao*, Feilong Tang, Jiacheng Liu

An Optimal Online Method of Selecting Source Policies for Reinforcement Learning
Siyuan Li*, Chongjie Zhang

An Unsupervised Model with Attention Autoencoders for Question Retrieval
Minghua Zhang, Yunfang Wu*

Anchors: High-Precision Model-Agnostic Explanations
Marco Tulio Ribeiro*, Sameer Singh, Carlos Guestrin

Answering Regular Path Queries over SQ Ontologies
V́ctor Gutírrez-Basulto*, Yazmín Ibáñez-García, Jean Christoph Jung

Anti-Makeup: Learning A Bi-Level Adversarial Network for Makeup-Invariant Face
Verification
Yi Li*, Lingxiao Song, Xiang Wu, Ran He, Tieniu Tan

Anytime Anyspace AND/OR Best-first Search for Bounding Marginal MAP
Qi Lou*, Rina Dechter, Alexander Ihler

Approximate and Exact Enumeration of Rule Models
Satoshi Hara*, Masakazu Ishihata

Approximate Inference via Weighted Rademacher Complexity
Jonathan Kuck*, Ashish Sabharwal, Stefano Ermon

Approximate Vanishing Ideal via Data Knotting
Hiroshi Kera*, Yoshihiko Hasegawa

Approximately Stable Matchings with Budget Constraints
Yasushi Kawase, Atsushi Iwasaki*

Approximating Bribery in Scoring Rules
Orgad Keller*, Avinatan Hassidim, Noam Hazon

Approximation-Variance Tradeoffs in Facility Location Games
Ariel Procaccia, David Wajc*, Hanrui Zhang

ARC: Adversarial Robust Cuts for Semi-Supervised and Multi-Label Classification
Sima Behpour*, Wei Xing, Brian Ziebart

Argument Mining for Improving the Automated Scoring of Persuasive Essays
Huy Nguyen*, Diane Litman

Armstrong's Axioms and Navigation Strategies
Kaya Deuser, Pavel Naumov*

Asking Friendly Strangers: Non-Semantic Attribute Transfer
Nils Murrugarra-Llerena*, Adriana Kovashka

Assertion-based QA with Question-Aware Open Information Extraction
Zhao Yan*, Duyu Tang, Nan Duan, Shujie Liu, Wendi Wang, Daxin Jiang, Ming Zhou, Zhoujun Li

Asymmetric Action Abstractions for Multi-Unit Control in Adversarial Real-Time Games
Rubens Moraes*, Levi Lelis

Asymmetric Deep Supervised Hashing
Qing-Yuan Jiang, Wu-Jun Li*

Asymmetric Joint Learning for Heterogeneous Face Recognition
Bing Cao, Nannan Wang*, Xinbo Gao, Jie Li

Asynchronous Bidirectional Decoding for Neural Machine Translation
Xiangwen Zhang, Jinsong Su*, Yue Qin, Yang Liu, Rongrong Ji, Hongji Wang

Asynchronous Doubly Stochastic Sparse Kernel Learning
Bin Gu*, Xin Miao, Zhouyuan Huo, Heng Huang

ATRank: An Attention-Based User Behavior Modeling Framework for Recommendation
Chang Zhou*, Jinze Bai, Junshuai Song, Xiaofei Liu, Zhengchao Zhao, Xiusi Chen, Jun Gao

Attend and Diagnose: Clinical Time Series Analysis using Attention Models
Huan Song, Deepta Rajan, Jayaraman Thiagarajan*, Andreas Spanias

Attention-based Belief or Disbelief Feature Extraction for Dependency Parsing
Haoyuan Peng*, Lu Liu, Yi Zhou, Junying Zhou, Xiaoqing Zheng

Attention-based Transactional Context Embedding for Next-Item Recommendation
Shoujin Wang*, Liang Hu, Longbing Cao, Xiaoshui Huang, Defu Lian, Wei Liu

Attention-via-Attention Neural Machine Translation
Shenjian Zhao*, Zhihua Zhang

Audio Visual Attribute Discovery for Fine-Grained Object Recognition
Hua Zhang*, Xiaochun Cao, Rui Wang

Augmenting End-to-End Dialogue Systems with Commonsense Knowledge
Tom Young*, Erik Cambria, Iti Chaturvedi, Minlie Huang, Hao Zhou, Subham Biswas

Auto-balanced Filter Pruning for Efficient Convolutional Neural Networks
Xiaohan Ding*, Guiguang Ding, Jungong Han, Sheng Tang

AutoEncoder by Forest
Ji Feng*, Zhi-Hua Zhou

Automated Segmentation of Overlapping Cytoplasm in Cervical Smear Images via Contour Fragments
Youyi Song*, Jing Qin, Baiying Lei, Thomas Choi

Automatic Generation of Text Descriptive Comments for Code Blocks
Yuding Liang*, Kenny Zhu

Automatic Model Selection in Subspace Clustering via Triplet Relationships
Jufeng Yang*, Jie Liang, Kai Wang, Yong-Liang Yang, Ming-Ming Cheng

Automatic Parameter Tying: A New Approach for Regularized Parameter Learning in Markov Networks
Li Chou*, Pracheta Sahoo, Somdeb Sarkhel, Nicholas Ruoizzi, Vibhav Gogate

Automatic Segmentation of Data Sequences
Liangzhe Chen*, Sorour E. Amiri, Aditya Prakash

Average-case Approximation Ratio of Scheduling without Payments
Jie ZHANG*

Avoiding Dead Ends in Real-time Heuristic Search
Bence Cserna, William Doyle, Jordan Ramsdell, Wheeler Ruml*

Axioms for Distance-Based Centralities
Oskar Skibski*, Jadwiga Sosnowska

Balanced Clustering via Exclusive Lasso: A Pragmatic Approach
Zhihui Li*, Feiping Nie, Xiaojun Chang, Zhigang Ma, Yi Yang

Balancing Lexicographic Fairness and a Utilitarian Objective with Application to Kidney Exchange
Duncan McElfresh*, John Dickerson

Batchwise Patching of Classifiers
Sebastian Kauschke*, Johannes Fürnkranz

Bayesian Functional Optimization
Vien Ngo*, Heiko Zimmermann, Marc Toussaint

Bayesian Robust Attributed Graph Clustering: Joint Learning of Partial Anomalies and Group Structure

Aleksandar Bojchevski*, Stephan Günnemann

Bayesian Verb Sense Clustering
Daniel Peterson*, Martha Palmer

BBQ-Networks: Efficient Exploration in Deep Reinforcement Learning for Task-Oriented Dialogue Systems
Zachary Lipton, Xiujun Li*, Jianfeng Gao, Lihong Li, Faisal Ahmed, Li Deng

Behavior is Everything â€” Towards Representing Concepts with Sensorimotor Contingencies
Nicholas Hay*, Michael Stark, D. Scott Phoenix, Dennis Park, Carter Wendelken, Alexander Schlegel, Eric Purdy, Tom Silver, Dileep George

Belief Reward Shaping in Reinforcement Learning
Ofir Marom*, Benjamin Rosman

Bernoulli Embeddings for Graphs
Vinith Misra, Sumit Bhatia*

Beyond Distributive Fairness in Algorithmic Decision Making: Feature Selection for Procedurally Fair Learning
Nina Grgic-Hlaca*, Muhammad Bilal Zafar, Krishna Gummadi, Adrian Weller

Beyond Link Prediction: Predicting Hyperlinks in Adjacency Space
Muhan Zhang*, Zhicheng Cui, Shali Jiang, Chen Yixin

Beyond Sparsity: Tree Regularization of Deep Models for Interpretability
Mike Wu, Michael Hughes*, Sonali Parbhoo, Maurizio Zazzi, Volker Roth, Finale Doshi-Velez

Binary Generative Adversarial Networks for Image Retrieval
Jingkuan Song*, Tao He, Lianli Gao, Xing Xu, Alan Hanjalic, Heng Tao Shen

Boosted Generative Models
Aditya Grover*, Stefano Ermon

Brute-Force Facial Landmark Analysis With A 140,000-Way Classifier
Mengtian Li*, Laszlo A. Jeni, Deva Ramanan

Budget-Constrained Multi-Armed Bandits with Multiple Plays
Datong Zhou*, Claire Tomlin

Building Continuous Occupancy Maps with Moving Robots
Ransalu Senanayake*, Fabio Ramos

Building Deep Networks on Grassmann Manifolds
Zhiwu Huang*, Jiqing Wu, Luc Van Gool

Byte-level Machine Reading across Morphologically Varied Languages
Tom Kenter*, Llion Jones, Daniel Hewlett

CA-RNN: Using Context-Aligned Recurrent Neural Networks for Modeling Sentence Similarity
Qin Chen, Qinmin Hu*, Jimmy Huang, Liang He, Weijie An, Jie Zhou

Canonical Correlation Inference for Mapping Abstract Scenes to Text
Helen Jiang, Nikos Papasarakantopoulos, Shay Cohen*

Cascade and Parallel Convolutional Recurrent Neural Networks on EEG-based Intention Recognition for Brain Computer Interface
Dalin Zhang*, Lina Yao, Xiang Zhang, Sen Wang, Weitong Chen, Robert Boots

Catching Captain Jack: Efficient Time and Space Dependent Patrols to Combat Oil-Siphoning in International Waters
Xinrun Wang*, Bo An, Martin Strobel, Fookwai Kong

CD-CNN: A Partially Supervised Cross-Domain Deep Learning Model for Urban Resident Recognition
Jingyuan Wang*, Xu He, Ze Wang, Junjie Wu, Nicholas Jing Yuan, Xie Xing, Zhang Xiong

Cellular Network Traffic Scheduling with Deep Reinforcement Learning
Sandeep Chinchali*, Pan Hu, Tianshu Chu, Manu Sharma, Manu Bansal, Rakesh Misra, Marco Pavone, Sachin Katti

Char-Net: A Character-Aware Neural Network for Distorted Scene Text Recognition
Wei Liu*, Chaofeng Chen, Kwan-Yee K. Wong

Characterization of the Convex Lukasiewicz Fragment for Learning from Constraints
Francesco Giannini*, Michelangelo Diligenti, Marco Gori, Marco Maggini

Chinese LIWC Lexicon Expansion via Hierarchical Classification of Word Embeddings with Sememe Attention
Xiangkai Zeng*, Cheng Yang, Cunchao Tu, Zhiyuan Liu, Maosong Sun

Classical Planning in Deep Latent Space: Bridging the Subsymbolic-Symbolic Boundary
Masataro Asai*, Alex Fukunaga

Clustering Small Samples with Quality Guarantees: Adaptivity with One2all
Edith Cohen*, Shiri Chechik, Haim Kaplan

CMCGAN: A Uniform Framework for Cross-Modal Visual-Audio Mutual Generation
Hao Wangli, Zhaoxiang Zhang*, Guan He

Co-attending Free-form Regions and Detections with Multi-modal Multiplicative Feature Embedding for Visual Question Answering
Pan Lu*, Hongsheng Li, Wei Zhang, Wang Jianyong, Xiaogang Wang

Co-domain Embedding using Deep Quadruplet Networks for Unseen Traffic Sign Recognition
Junsik Kim*, Seokju Lee, Tae-Hyun Oh, In So Kweon

Co-Saliency Detection within a Single Image
Hongkai Yu*, Kang Zheng, Jianwu Fang, Hao Guo, Wei Feng, Song Wang

Coalition Manipulation of Gale-Shapley Algorithm
Yuan Deng*, Pingzhong Tang, Weiran Shen

CoChat: Enabling Bot and Human Collaboration for Task Completion

Xufang Luo*, Zijia Lin, Yunhong Wang, Zaiqing Nie

CoDiNMF: Co-clustering of Directed Graphs via NMF
Woosang Lim, Rundong Du, Haesun Park*

Cognition-Cognizant Sentiment Analysis with Multitask Subjectivity Summarization based on Annotators' Gaze Behavior
Abhijit Mishra*, Srikanth Tamilselvam, Riddhiman Dasgupta, Kuntal Dey, Seema Nagar

CoLink: An Unsupervised Framework for User Identity Linkage
Zexuan Zhong*, Yong Cao, Zaiqing Nie, Mu Guo

Collaborative Filtering with Social Exposure: A Modular Approach to Social Recommendation
Menghan Wang*, Xiaolin Zheng, Yang Yang, Kun Zhang

Collaborative Filtering with User-Item Co-Autoregressive Models
Chao Du*, Chongxuan Li, Yin Zheng, Jun Zhu, Bo Zhang

Combining Experts' Causal Judgments
dalal Alrajeh, Hana Chockler*, Joseph Halpern

Combining Rules and Ontologies into Clopen Knowledge Bases
Labinot Bajraktari, Magdalena Ortiz, Mantas Simkus*

Committee Selection with Intraclass and Interclass Synergies
Rani Izsak, Nimrod Talmon*, Gerhard Woeginger

Community Detection in Attributed Graphs: An Embedding Approach
Ye Li*, Chaofeng Sha, Xin Huang, Yanchun Zhang

Community-Based Trip Sharing for Urban Commuting
Mohd. Hafiz Hasan*, Pascal Van Hentenryck, Ceren Budak, Jiayu Chen, Chhavi Chaudhry

Compact Multi-label Learning
Xiaobo Shen*, Weiwei Liu, Ivor Tsang, Quan-Sen Sun, Yew Soon Ong

Comparing Population Means under Local Differential Privacy: with Significance and Power
Bolin Ding*, Harsha Nori, Paul Li, Joshua Allen

Compatibility Family Learning for Item Recommendation and Generation
Yong-Siang Shih, Kai-Yueh Chang, Hsuan-Tien Lin, Min Sun*

Complex Sequential Question Answering: Towards Learning to Converse Over Linked Question Answer Pairs with a Knowledge Graph
Amrita Saha*, Vardaan Pahuja, Mitesh Khapra, Karthik Sankaranarayanan, Sarath Chandar

Complexity of Verification in Incomplete Argumentation Frameworks
Dorothea Baumeister, Daniel Neugebauer, Jörg Rothe*, Hilmar Schadrack

Compressed Sensing MRI Using a Recursive Dilated Network
Liyan Sun, Zhiwen Fan, Yue Huang, Xinghao Ding*, John Paisley

Computation Error Analysis of Block Floating Point Arithmetic Oriented Convolution Neural Network Accelerator Design

Zhourui Song, Zhenyu Liu*, Chunlu Wang, Dongsheng Wang

Computational Results for Extensive-Form Adversarial Team Games

Andrea Celli*, Gatti Nicola

Computing the Strategy to Commit to in Polymatrix Games

Giuseppe De Nittis, Alberto Marchesi*, Gatti Nicola

Conditional PSDDs: Modeling and Learning with Modular Knowledge

Yujia Shen, Arthur Choi*, Adnan Darwiche

Confidence-aware Matrix Factorization for Recommender Systems

Chao Wang*, Qi Liu, Runze Wu, Enhong Chen, Chuanren Liu, Xunpeng Huang, Zhenya Huang

Consistent and Specific Multi-view Subspace Clustering

Shirui Luo*, Changqing Zhang, Wei Zhang, Xiaochun Cao

Constructive Preference Elicitation over Hybrid Combinatorial Spaces

Paolo Dragone*, Stefano Teso, Andrea Passerini

Content and Context: Two-pronged Bootstrapped Learning for Regex-formatted Entity Extraction

Stanley Simoes*, Deepak P, Munu Sairamesh, Deepak Khemani, Sameep Mehta

Context Aware Conversational Understanding for Intelligent Agents with a Screen

Vishal Ishwar Naik, Angeliki Metallinou*, Rahul Goel

Context-Aware Symptom Checking for Disease Diagnosis Using Hierarchical Reinforcement Learning

Hao-Cheng Kao*, Kai-Fu Tang, Edward Chang

Contrastive Training for Models of Information Cascades

Shaobin Xu*, David Smith

Control Argumentation Frameworks

Yannis Dimopoulos, Jean-guy Mailly*, Pavlos Moraitis

Controlling Global Statistics in Recurrent Neural Network Text Generation

Thanapon Noraset*, David Demeter, Doug Downey

Conversational Model Adaptation via KL Divergence Regularization

Juncen Li*, Ping Luo, Fen Lin, Bo Chen

Convolutional 2D Knowledge Graph Embeddings

Tim Dettmers*, Pasquale Minervini, Pontus Stenetorp, Sebastian Riedel

Cooperative Games with Bounded Dependency Degree

Ayumi Igarashi*, Rani Izsak, Edith Elkind

Cooperative Learning of Energy-Based Model and Latent Variable Model via MCMC Teaching

Jianwen Xie*, yang Lu, Ruiqi Gao, Ying Nian Wu

Cooperative Training of Deep Aggregation Networks for RGB-D Action Recognition
Pichao Wang*, Wanqing Li, Jun Wan, Philip Ogunbona, Xinwang Liu

Core Dependency Networks
Alejandro Molina*, Alexander Munteanu, Kristian Kersting

COSINE: Community-Preserving Social Network Embedding from Information Diffusion Cascades
Yuan Zhang*, Tianshu Lyu, Yan Zhang

Counterfactual Multi-Agent Policy Gradients
Jakob Foerster*, Gregory Farquhar, Triantafyllos Afouras, Nantas Nardelli, Shimon Whiteson

Counting Linear Extensions in Practice: MCMC versus Exponential Monte Carlo
Topi Talvitie*, Kustaa Kangas, Teppo Niinimäki, Mikko Koivisto

Coupled Deep Learning for Heterogeneous Face Recognition
Xiang Wu*, Lingxiao Song, Ran He, Tieniu Tan

Coupled Poisson Factorization Integrated with User/Item Metadata for Modeling Popular and Sparse Ratings in Scalable Recommendation
Trong Dinh Thac Do*, Longbing Cao

Cross Temporal Recurrent Networks for Ranking Question Answer Pairs
Yi Tay*, Anh Tuan Luu, Siu Cheung Hui

Cross-domain Human Parsing via Adversarial Feature and Label Adaptation
Si Liu*, yao sun, defa zhu, guanghui ren, jizhong han, jiashi feng, Yu chen

Cross-Lingual Entity Linking for Web Tables
Xusheng Luo*, Kangqi Luo, Xianyang Chen, Kenny Zhu

Cross-Lingual Propagation for Deep Sentiment Analysis
Xin Dong, Gerard De melo*

Cross-View Person Identification by Matching Human Poses Estimated with Confidence on Each Body Joint
Guoqiang Liang*, Xuguang Lan, Kang Zheng, Song Wang, Nanning Zheng

CSWA: Aggregation-Free Spatial-Temporal Community Sensing
Jiang Bian, Haoyi Xiong*, Yanjie Fu, Sajal Das

Curve-Structure Segmentation from Depth Maps: A CNN-based Approach and Its Application to Exploring Cultural Heritage Objects
Yuhang Lu*, Jun Zhou, Jing Wang, Jun Chen, Karen Smith, Colin Wilder, Song Wang

Customized Nonlinear Bandits for Online Response Selection in Neural Conversation Models
Bing Liu*, Tong Yu, Ole Mengshoel, Ian Lane

cw2vec: Learning Chinese Word Embeddings with Stroke n-gram Information
Shaosheng Cao*, Wei Lu, Jun Zhou, Xiaolong Li

DarkRank: Accelerating Deep Metric Learning via Cross Sample Similarities Transfer
Yuntao Chen*, Zhaoxiang Zhang, Naiyan Wang

Data Poisoning Attacks on Multi-Task Relationship Learning
Mengchen Zhao*, Bo An, Yaodong Yu, Sulin Liu, Sinno Jialin Pan

Data-dependent Learning of Symmetric/Antisymmetric Relations for Knowledge Base Completion
Hitoshi Manabe*, Katsuhiko Hayashi, Masashi Shimbo

Decentralised Learning in Systems with Many, Many Strategic Agents
David Mguni*, Joel Jennings, Enrique Munoz de Cote

Decentralized High-Dimensional Bayesian Optimization with Factor Graphs
Nghia Hoang*, Minh Hoang, Bryan Kian Hsiang Low, Ruofei Ouyang

Deception Detection in Videos
Zhe Wu*, Bharat Singh, Larry Davis, Venkatramanan Subrahmanian

Decomposition Strategies for Constructive Preference Elicitation
Paolo Dragone, Stefano Teso*, Mohit Kumar, Andrea Passerini

Deconvolutional Latent-Variable Model for Text Sequence Matching
Dinghan Shen*, Yizhe Zhang, Ricardo Henao, Qinliang Su, Lawrence Carin

Decoupled Convolutions for CNNs
Guotian Xie*, Ting Zhang, Jingdong Wang, KuiYuan Yang, JianHuang Lai

Deep Asymmetric Transfer Network for Unbalanced Domain Adaptation
Daixin Wang*, Peng Cui, Wenwu Zhu

Deep Learning for Case-Based Reasoning through Prototypes: A Neural Network that Explains Its Predictions
Oscar Li*, Hao Liu, Chaofan Chen, Cynthia Rudin

Deep Learning from Crowds
Filipe Rodrigues*, Francisco Pereira

Deep Low-Resolution Person Re-Identification
Jiening Jiao, Wei-Shi Zheng*, Ancong Wu, Xiatian Zhu, Shaogang Gong

Deep Multi-View Spatial-Temporal Network for Taxi Demand Prediction
Huaxiu Yao*, Fei Wu, Jingtao Ke, Xianfeng Tang, Yitian Jia, Siyu Lu, Pinghua Gong, Zhenhui Li, Jieping Ye

Deep Neural Network Compression with Single and Multiple Level Quantization
Yuhui Xu*, Yongzhuang Wang, Aojun Zhou, Weiyao Lin, Hongkai Xiong

Deep Q-learning from Demonstrations
Todd Hester*, Matej Vecerik, Olivier Pietquin, Marc Lanctot, Tom Schaul, Bilal Piot, Dan Horgan, John Quan, Andrew Sendonaris, Gabriel Dulac-Arnold, Ian Osband, John Agapiou, Joel Leibo, Audrunas Gruslys

Deep Region Hashing for Generic Instance Search from Images
lianli Gao, Tao He, Jingkuan Song*, Xing Xu, Heng Tao Shen

Deep Reinforcement Learning for Unsupervised Video Summarization with Diversity-Representativeness Reward
Kaiyang Zhou, Yu Qiao*

Deep Reinforcement Learning that Matters
Peter Henderson*, Riashat Islam, Joelle Pineau, David Meger, Doina Precup, Philip Bachman

Deep Representation-Decoupling Neural Networks for Monaural Music Mixture Separation
Zhuo Li, Hongwei Wang, MIAO ZHAO*, Wenjie Li, Minyi Guo

Deep Semantic Role Labeling with Self-Attention
Zhixing Tan, Mingxuan Wang, Jun Xie, Yidong Chen, Xiaodong Shi*

Deep Semantic Structural Constraints for Zero-Shot Learning
Yan Li, Zhen Jia*, Junge Zhang, Kaiqi Huang, Tieniu Tan

Deep Semi-Random Features for Nonlinear Function Approximation
Kenji Kawaguchi*, Bo Xie, Le Song

Deep Stereo Matching with Explicit Cost Aggregation Sub-Architecture
Lidong Yu*, Yucheng Wang, yuwei Wu, yunde Jia

Deep Structured Learning for Visual Relationship Detection
Yaohui Zhu, Shuqiang Jiang*

Deep TAMER: Interactive Agent Shaping in High-Dimensional State Spaces
Garrett Warnell*, Nicholas Waytowich, Vernon Lawhern, Peter Stone

Deep-Treat: Learning Optimal Personalized Treatments from Observational Data Using Neural Networks
Onur Atan*, James Jordon, Mihaela van der Schaar

Deeper Insights into Graph Convolutional Networks for Semi-Supervised Learning
Qimai Li, Zhichao Han, Xiaoming Wu*

DeepHeart: Semi-Supervised Sequence Learning for Cardiovascular Risk Prediction
Brandon Ballinger, Johnson Hsieh, Avesh Singh*, Nimit Sohoni, Carol Macguire, Jeffrey Olgin, Mark Pletcher, Jose Sanchez, Geoffrey Tison, Jack Wang, Greg Marcus

DeepHit: A Deep Learning Approach to Survival Analysis with Competing Risks
Changhee Lee*, William Zame, Jinsung Yoon, Mihaela van der Schaar

DeepRebirth: Accelerating Deep Neural Network Execution on Mobile Devices
Dawei Li*, Xiaolong Wang, Deguang Kong

DeepType: Multilingual Entity Linking by Neural Type System Evolution
Jonathan Raiman*, Olivier Raiman

DeepUrbanMomentum: An Online Deep-Learning System for Short-Term Urban Mobility Prediction

Renhe Jiang*, Xuan Song, Zipei Fan, Tianqi Xia, Quanjun Chen, Satoshi Miyazawa, Ryosuke Shibasaki

Dependence Guided Unsupervised Feature Selection

Jun Guo*, Wenwu Zhu

Dependence in Propositional Logic: Formula-Formula Dependence and Formula Forgetting
Application to Belief Update and Conservative Extension

Liangda Fang*, Hai Wan, Xianqiao Liu, Biqing Fang, Zhaorong Lai

DepthLGP: Learning Embeddings of Out-of-Sample Nodes in Dynamic Networks

Jianxin Ma*, Peng Cui, Wenwu Zhu

Detecting Adversarial Examples through Image Transformation

Shixin Tian*, Guolei Yang, Ying Cai

Deterministic Policy Optimization by Combining Pathwise and Score Function Estimators for Discrete Action Spaces

Daniel Levy*, Stefano Ermon

DF2Net: Discriminative Feature Learning and Fusion Network for RGB-D Indoor Scene Classification

Yabei Li*, Junge Zhang, Yanhua Cheng, Kaiqi Huang, Tieniu Tan

Diagnosing and Improving Topic Models by Analyzing Posterior Variability

Linzi Xing*, Michael Paul

Dialogue Act Sequence Labeling Using Hierarchical Encoder with CRF

Harshit Kumar*, Arvind Agarwal, Riddhiman Dasgupta, Sachindra Joshi, Arun Kumar

Dictionary Learning in Optimal Metric Space

Jiexi Yan, Cheng Deng*, Xianglong Liu

Dictionary Learning Inspired Deep Network for Scene Recognition

Yang Liu*, Qingchao Chen, Wei Chen, Ian Wassell

DID: Distributed Incremental Block Coordinate Descent for Nonnegative Matrix Factorization

Tianxiang Gao*, Chris Chu, Iowa State University

Differential Performance Debugging with Discriminant Regression Trees

Saeid Tizpaz-Niari*, Pavol Cerny, Bor-Yuh Evan Chang, Ashutosh Trivedi

Dilated FCN for Multi-Agent 2D/3D Medical Image Registration

Shun Miao*, Sebastien Piat, Peter Fischer, Ahmet Tuysuzoglu, Philip Mewes, Tommaso Mansi, Rui Liao

Direct Hashing without Pseudo-Labels

Feng Zheng*, Heng Huang

Directional Label Rectification in Adaptive Graph

Xiaoqian Wang*, Hao Huang

DiSAN: Directional Self-Attention Network for RNN/CNN-Free Language Understanding
Tao Shen*, Tianyi Zhou, Guodong Long, Jing Jiang, Shirui Pan, chengqi Zhang

Disarmament Games with Resource
Yuan Deng*, Vincent Conitzer

Discovering and Distinguishing Multiple Visual Senses for Polysemous Words
Yazhou Yao*, Jian Zhang, Fumin Shen, Wankou Yang, Pu Huang, Zhenmin Tang

Discriminant Projection Representation-based Classification for vision recognition
Qingxiang Feng*, Yicong Zhou

Discriminative Semi-coupled Projective Dictionary Learning for Low-Resolution Person Re-Identification
Kai Li*, Zhengming Ding, Sheng Li, Yun Fu

Disjunctive Program Synthesis: a Robust Approach to Programming by Example
Mohammad Raza*, Sumit Gulwani

Dispatch Guided Allocation Optimization for Effective Emergency Response
Supriyo Ghosh*, Pradeep Varakantham

Distance-aware DAG Embedding for Proximity Search on Heterogeneous Graphs
Zemin Liu*, Vincent W. Zheng, Zhou Zhao, Fanwei Zhu, Kevin Chen-Chuan Chang, Minghui Wu, Jing Ying

Distant-supervision of Heterogeneous Multitask Learning for Social Event Forecasting with Multilingual Indicators
liang Zhao*, Junxiang Wang, Xiaojie Guo

Distributed Composite Quantization
Weixiang Hong*, Jingjing Meng, Jungong Yuan

Distributional Reinforcement Learning with Quantile Regression
Will Dabney*, Mark Rowland, Marc Bellemare, Remi Munos

Diverse Beam Search for Improved Description of Complex Scenes
Ashwin Vijayakumar*, Michael Cogswell, Ramprasaath Selvaraju, Qing Sun, Stefan Lee, David Crandall, Dhruv Batra

Diverse Exploration for Fast and Safe Policy Improvement
Andrew Cohen, Lei Yu*, Robert Wright

DLPaper2Code: Auto-generation of Code from Deep Learning Research Papers
Akshay Sethi, Anush Sankaran*, Naveen Panwar, Shreya Khare, Senthil Mani

Does William Shakespeare REALLY Write Hamlet? Knowledge Representation Learning with Confidence
Ruobing Xie*, Zhiyuan Liu, Fen Lin, Leyu Lin

Doing the Best We Can with What We Have: Multi-Label Balancing with Selective Learning for Attribute Prediction

Emily Hand*, Carlos Castillo, Rama Chellappa

Domain Generalization via Conditional Invariant Representations
Ya Li, Mingming Gong, Xinmei Tian*, Liu Tongliang, Dacheng Tao

Domain-Shared Group-Sparse Dictionary Learning for Unsupervised Domain Adaptation
Baoyao YANG*, jinhua Ma, Pong c Yuen

Double Forward Propagation for Memorized Batch Normalization
Yong Guo, Qingyao Wu, Chaorui Deng, Jian Chen, Mingkui Tan*

Doubly Approximate Nearest Neighbor Classification
Weiwei Liu*, Zhuanghua Liu, Ivor Tsang, WenJie Zhang, Xuemin Lin

Dress Fashionably: Learn Fashion Collocation with Deep Mixed-Category Metric Learning
Yuhang He, Ming Li, Long Chen*

Dual Attention Network for Product Compatibility and Function Satisfiability Analysis
Hu Xu*, Sihong XIE, Shu Lei, Philip Yu

Dual Deep Neural Networks Cross-Modal Hashing
Zhenduo Chen, Wanjin Yu, Chuanxiang Li, Liqiang Nie, Xin-shun Xu*

Dual Set Multi-Label Learning
Chong Liu*, Peng Zhao, Sheng-Jun Huang, Yuan Jiang, Zhi-Hua Zhou

Dual Transfer Learning for Neural Machine Translation with Marginal Distribution
Regularization
Yijun Wang*, Yingce Xia, Li Zhao, Jiang Bian, Tao Qin, Tie-Yan Liu, Guiquan Liu

Dual-reference Face Retrieval
BingZhang Hu, Feng Zheng, Ling Shao*

Duplicate Question Identification by Integrating FrameNet with Neural Networks
Xiaodong Zhang*, Xu Sun, Houfeng Wang

DyETC: Dynamic Electronic Toll Collection for Traffic Congestion Alleviation
Haipeng CHEN*, An Bo, Guni Sharon, Josiah Hanna, Peter Stone, Chunyan Miao, Yeng Chai
Soh

Dynamic Deep Neural Networks: Optimizing Accuracy-Efficiency Trade-offs by Selective
Execution
Lanlan Liu*, Jia Deng

Dynamic Determinantal Point Processes
Takayuki Osogami*, Rudy Raymond, Akshay Goel, Tomoyuki Shirai, Takanori Maehara

Dynamic Network Embedding by Modeling Triadic Closure Process
Lekui Zhou, Yang Yang*, Xiang Ren, Fei Wu, Yueting Zhuang

Dynamic Optimization of Neural Network Structures Using Probabilistic Modeling
Shinichi Shirakawa*, Yasushi Iwata, Youhei Akimoto

Dynamic Pricing for Reusable Resources in Competitive Market with Stochastic Demand
Jiang Rong*, Tao Qin, Bo An

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pin-yu chen*, Yash Sharma, Huan Zhang, Jinfeng Yi, Cho-Jui Hsieh

Early Detection of Fake News on Social Media Through Propagation Path Classification with Recurrent and Convolutional Networks
Yang Liu*, Brook Wu

Early Prediction of Diabetes Complications from Electronic Health Records: A Multi-task Survival Analysis Approach
Bin Liu*, Ying Li, Zhao Nan, Soumya Ghosh, Kenney Ng

Early Syntactic Bootstrapping in an Incremental Memory-Limited Word Learner
Sepideh Sadeghi*, Matthias Scheutz

Effective Broad-Coverage Deep Parsing
James Allen*, Choh Man Teng, Lucian Galescu, Will de Beaumont, Omid Bakhshandeh

Effective Heuristics for Committee Scoring Rules
Piotr Faliszewski, Martin Lackner, Dominik Peters, Nimrod Talmon*

Efficient Architecture Search by Network Transformation
Han Cai*, Tianyao Chen, Weinan Zhang, Yong Yu, Jun Wang

Efficient K-Shot Learning with Regularized Deep Networks
Donghyun Yoo*, Haoqi Fan, Vishnu Bodetti, Kris Kitani

Efficient Large-Scale Multi-Modal Classification
Douwe Kiela*, Edouard Grave, Armand Joulin, Tomas Mikolov

Efficient Multi-dimensional Tensor Sparse Coding Using t-linear Combination
Fei Jiang*, Xiao-Yang Liu, Hongtao Lu, Ruimin Shen

Efficient Probabilistic Performance Bounds for Inverse Reinforcement Learning
Daniel Brown*, Scott Niekum

Efficient Test-time Predictor Learning with Group-based Budget
LI Wang*, Dajiang Zhu, Yujie Chi

Efficient-UCBV: An Almost Optimal Algorithm using Variance Estimates
Subhojyoti Mukherjee*, K.P. Naveen, Nandan Sudarsanam, Balaraman Ravindran

Efficiently Approximating the Pareto Frontier: Hydropower Dam Placement in the Amazon Basin
Xiaojian Wu, Jonathan Gomes-Selman, Qinru Shi, Yexiang Xue, roosevelt Garcia, Elizabeth Anderson, suresh Sethi, Scott Steinschneider, Alexander Flecker, Carla Gomes*

Efficiently Monitoring Small Data Modification Effect for Large-Scale Learning in Changing Environment
Hiroyuki Hanada*, Atsushi Shibagaki, Jun Sakuma, Ichiro Takeuchi

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Ganbin Zhou*, Ping Luo, Yijun Xiao, Bo Chen, Fen Lin, Qing He

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Nurul Lubis*, Sakriani Sakti, Koichiro Yoshino, Satoshi Nakamura

Embedding of Hierarchically Typed Knowledge Bases
Richong Zhang*, Fanshuang Kong, Chenyue Wang, Yongyi Mao

EMD Metric Learning
Zizhao Zhang*, Yubo Zhang, Xibin Zhao, Yue Gao

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Igor Mordatch*, Pieter Abbeel, UC Berkeley

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Hao Zhou*, Minlie Huang, Tianyang Zhang, Xiaoyan Zhu, Bing Liu

Emphasizing 3D Properties in Recurrent Multi-view Aggregation for 3D Shape Retrieval
Cheng Xu, Biao Leng*, Cheng Zhang, Xiaochen Zhou

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Liyuan Liu*, Jingbo Shang, Frank Xu, Xiang Ren, Huan Gui, Jian Peng, Jiawei Han

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Peng Zhang*, Jiabin Niu, Zhan Su, Benyou Wang, Liqun Ma, Dawei Song

End-to-End United Video Dehazing and Detection
Boyi Li*, Xiulian Peng, Zhangyang Wang, Jizheng Xu, Dan Feng

Energy-Efficient Automatic Train Driving by Learning Driving Patterns
Jin Huang*, Yue Gao, Sha Lu, Xibin Zhao, Yangdong Deng, Ming Gu

Enhancing Constraint-Based Multi-Objective Combinatorial Optimization
Miguel Terra-Neves*, Ines Lynce, Vasco Manquinho

Equilibrium Computation and Robust Optimization in Zero Sum Games with Submodular Structure
Bryan Wilder*

Estimating the Class Prior in Positive and Unlabeled Data through Decision Tree Induction
Jessa Bekker*, Jesse Davis

Euler Sparse Representation for Image Classification
Yang Liu*, Quanxue Gao, Jungong Han, Shujian Wang

Event Detection via Gated Multilingual Attention Mechanism
Jian Liu*, Yubo Chen, Kang Liu, Jun Zhao

Event Representations for Automated Story Generation with Deep Neural Nets

Lara Martin*, Prithviraj Ammanabrolu, Xinyu Wang, William Hancock, Shruti Singh, Brent Harrison, Mark Riedl

Event Representations with Tensor-based Compositions
Noah Weber*, Niranjan Balasubrama, Nathanael Chambers

Exact Clustering via Integer Programming and Maximum Satisfiability
Atsushi Miyauchi*, Tomohiro Sonobe, Noriyoshi Sukegawa

Exact MAP-Inference by Confining Combinatorial Search with LP Relaxation
Stefan Haller*, Paul Swoboda, Bogdan Savchynskyy

Examining CNN Representations With Respect To Dataset Bias
Quanshi Zhang*, Wenguan Wang, Song-Chun Zhu

Exercise-Enhanced Sequential Modeling for Student Performance Prediction
Yu Su, Qingwen Liu, Qi Liu, Zhenya Huang*, Yu Yin, Enhong Chen, Chris Ding, Si Wei, Guoping Hu

Expected Policy Gradients
Kamil Ciosek*, Shimon Whiteson

Expected Utility with Loss Reduction: A Unifying Decision Model for Resolving Four Well-Known Paradoxes
Wenjun Ma*, Yuncheng Jiang, Weiru Liu, Xudong Luo, Kevin McAreevey

Explicit Reasoning over End-to-End Neural Architectures for Visual Question Answering
Somak Aditya*, Yezhou Yang, Chitta Baral

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Xuying Meng*, Suhang Wang, Huan Liu, Yujun Zhang

Exploring Human-like Attention Supervision in Visual Question Answering
Tingting Qiao, Jianfeng Dong, Duanqing Xu*

Exploring Implicit Feedback for Open Domain Conversation Generation
Weinan Zhang*, Lingzhi Li, Dongyan Cao, Ting Liu

Exploring Temporal Preservation Networks for Precise Temporal Action Localization
Ke Yang*, Peng Qiao, Dongsheng Li, Shaohe Lv, Yong Dou

Exploring the Terrain of Metaphor Novelty: A Regression-based Approach for Automatically Scoring Metaphors
Natalie Parde*, Rodney Nielsen

Expressive Real-time Intersection Scheduling
Rick Goldstein*, Stephen Smith

ExprGAN: Facial Expression Editing with Controllable Expression Intensity
Hui Ding*, Kumar Sricharan, Rama Chellappa

Externally Supported Models for Efficient Computation of Paracoherent Answer Sets
Giovanni Amendola, Carmine Dodaro, Wolfgang Faber*, Francesco Ricca

Extreme Low Resolution Activity Recognition with Multi-Siamese Embedding Learning
Michael Ryoo*, Kiyoon Kim, Hyun Jong Yang

Extremely Low Bit Neural Network: Squeeze the Last Bit Out with ADMM
Cong Leng*, Zesheng Dou, Hao Li, Shenghuo Zhu, Rong Jin

Face Sketch Synthesis from Coarse to Fine
Mingjin Zhang, Nannan Wang*, Yunsong Li, Ruxin Wang, Xinbo Gao

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Tao Hu*, Honggang Qi, Jizheng Xu, Qingming Huang

Facility Location Games with Fractional Preferences
Chi Kit Ken Fong, Minming Li*, Pinyan Lu, Taiki Todo, Makoto Yokoo

Fact Checking in Community Forums
Tsvetomila Mihaylova, Preslav Nakov*, Luis Marquez, HBKU, Mitra Mohtarami, Georgi Karadjov, James Glass

Fair Inference on Outcomes
Razieh Nabi*, Ilya Shpitser

Fair Rent Division on a Budget
Ariel Procaccia*, Rodrigo Velez, Dingli Yu

Fairness in Decision-Making -- The Causal Explanation Formula
Junzhe Zhang*, Elias Bareinboim

Faithful to the Original: Fact-Aware Neural Abstractive Summarization
Ziqiang Cao*, Furu Wei, Wenjie Li, Sujian Li

Fat- and Heavy-Tailed Behavior in Satisficing Planning
Eldan Cohen*, Chris Beck

Feature Engineering for Predictive Modeling using Reinforcement Learning
Udayan Khurana*, Horst Samulowitz, Deepak Turaga

Feature Enhancement Network: A Refined Scene Text Detector
Sheng Zhang*, Yuliang Liu, Lianwen Jin, canjie luo

Feature-Induced Labeling Information Enrichment for Multi-Label Learning
Qian-Wen Zhang, Yun Zhong, Min-Ling Zhang*

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I-Ta Lee*, Dan Goldwasser

Few Shot Transfer Learning Between Word Relatedness and Similarity Tasks Using A Gated Recurrent Siamese Network
James O' Neill*, Paul Buitelaar

FILE: A Novel Framework for Predicting Social Status in Signed Networks

Xiaoming Li*, Hui Fang, Jie Zhang

FiLM: Visual Reasoning with a General Conditioning Layer
Ethan Perez*, Florian Strub, Harm de Vries, Vincent Dumoulin, Aaron Courville

Finite Sample Analyses for TD(0) with Function Approximation
Gal Dalal*, Balazs Szorenyi, Gugan Thoppe, Shie Mannor

FLIC: Fast Linear Iterative Clustering with Active Search
Jiaxing Zhao, Qibin Hou, Bo Ren*, Ming-Ming Cheng, Paul Rosin

Flow-GAN: Combining Maximum Likelihood and Adversarial Learning in Generative Models
Aditya Grover*, Manik Dhar, Stefano Ermon

Forgetting and Unfolding for Existential Rules
Zhe Wang*, Kewen Wang, Xiaowang Zhang

Fourier Feature Approximations for Periodic Kernels in Time-Series Modelling
Anthony Tompkins*, Fabio Ramos

From Common to Special: When Multi-Attribute Learning Meets Personalized Opinions
Zhiyong Yang, Qianqian Xu, Xiaochun Cao, Qingming Huang*

From Hashing to CNNs: Training Binary Weight Networks via Hashing
Qinghao Hu*, Peisong Wang, Jian Cheng

From Monte Carlo to Las Vegas: Improving Restricted Boltzmann Machine Training Through Stopping Sets
Pedro Savarese, Mayank Kakodkar, Bruno Ribeiro*

From Virtual Demonstration to Real-World Manipulation Using LSTM and MDN
Rouhollah Rahmatizadeh, Pooya Abolghasemi, Aman Behal, Ladislau Boloni*

Fully Convolutional Network Based Skeletonization for Handwritten Chinese Characters
Tie-Qiang Wang*, Cheng-Lin Liu, Institute of Automation

Game of Sketches: Deep Recurrent Models of Pictionary-style Word Guessing
RAVI KIRAN SARVADEVABHATLA*, Shiv Surya, Trisha Mittal, Venkatesh Babu R.

Gated-Attention Architectures for Task-Oriented Language Grounding
Devendra Singh Chaplot*, Kanthashree Mysore Sathyendra, Rama Kumar Pasumarthi, Dheeraj Rajagopal, Ruslan Salakhutdinov

Gaussian Process Decentralized Data Fusion Meets Transfer Learning in Large-Scale Distributed Cooperative Perception
Ruofei Ouyang, Bryan Kian Hsiang Low*

Generalized Adjustment Under Confounding and Selection Biases
Juan Correa*, Jin Tian, Elias Bareinboim

Generalized Value Iteration Networks: Life Beyond Lattices
Sufeng Niu*, Siheng Chen, Colin Targonski, Melissa Smith, Jelena Kovačević, Hanyu Guo

Generalizing and Improving Bilingual Word Embedding Mappings with a Multi-Step Framework of Linear Transformations
Mikel Artetxe*, Gorka Labaka, Eneko Agirre

Generating an Event Timeline about Daily Activities from a Semantic Concept Stream
Taiki Miyanishi*, Jun-ichiro Hirayama, Takuya Maekawa, Motoaki Kawanabe

Generating Music Medleys via Playing Music Puzzle Games
Yu-Siang Huang*, Szu-Yu Chou, Yi-Hsuan Yang

Generating Sentences Using a Dynamic Canvas
Harshil Shah*, Bowen Zheng, David Barber

Generating Triples with Adversarial Networks for Scene Graph Construction
Matthew Klawonn*, Eric Heim

Generative Adversarial Network based Heterogeneous Bibliographic Network Representation for Personalized Citation Recommendation
J. Han*, Xiaoyan Cai, Libin Yang

Geographic Differential Privacy for Mobile Crowd Coverage Maximization
Leye Wang*, Gehua Qin, Dingqi Yang, Xiao Han, Xiaojuan Ma

Geometric Relationship between Word and Context Representations
Jiangtao Feng*, Xiaoqing Zheng

Glass-Box Program Synthesis: A Machine Learning Approach
Konstantina Christakopoulou*, Adam Kalai

Goal-Driven Query Answering for Existential Rules with Equality
Michael Benedikt, Boris Motik*, Efthymia Tsamoura

gOCCF: Graph-Theoretic One-Class Collaborative Filtering Based on Uninteresting Items
Yeon-Chang Lee, Sang-Wook Kim*, Dongwon Lee

Graph Convolutional Networks with Argument-Aware Pooling for Event Detection
Thien Nguyen*, Ralph Grishman

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Qin Zhou, Heng Fan, Shibao Zheng, Hang Su, Xinzhe Li, Shuang Wu, Haibin Ling*

Graph Scan Statistics With Uncertainty
Jose Cadena*, Arinjoy Basak, Xinwei Deng, Anil kumar Vullikanti

GraphGAN: Graph Representation Learning with Generative Adversarial Nets
Hongwei Wang, jia Wang, jialin Wang, MIAO ZHAO*, Weinan Zhang, Fuzheng Zhang, Xie Xing, Minyi Guo

Group Sparse Bayesian Learning for Active Surveillance on Epidemic Dynamics
Hongbin Pei*, Bo Yang, Jiming Liu, Lei Dong

Group-Pair Convolutional Neural Networks for Multi-View based 3D Object Retrieval
Zan Gao*, Yu Wang, Xiangnan He, Hua Zhang

Groupwise Maximin Fair Allocation of Indivisible Goods
Siddharth Barman*, Arpita Biswas, Sanath Krishnamurthy, Y. Narahari

Guiding Exploratory Behaviors for Multi-Modal Grounding of Linguistic Descriptions
Jesse Thomason*, Jivko Sinapov, Raymond Mooney, Peter Stone

Guiding Search in Continuous State-action Spaces by Learning an Action Sampler from Off-target Search Experience
Beomjoon Kim*, Leslie Kaelbling, Tomas Lozano-perez

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Xiaolong Gong*, Linpeng Huang, Hao Xu

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Haochen Chen*, Bryan Perozzi, Yifan Hu, Steven Skiena

Hawkes Process Inference with Missing Data
Christian Shelton*, Zhen Qin, Chandini Shetty

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Bohan Zhuang, Qi Wu*, Ian Reid, Chunhua Shen, Anton van den Hengel

Hierarchical Attention Flow for Multiple-choice Reading Comprehension
Haichao Zhu, Furu Wei, Bing Qin*, Ting Liu

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Zheng Li*, Ying Wei, Yu Zhang, Qiang Yang

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Mang Ye, Xiangyuan Lan, Jiawei Li, Pong c Yuen*

Hierarchical LSTM for Sign Language Translation
Dan Guo*, wengang zhou, Meng Wang, Houqiang Li

Hierarchical Nonlinear Orthogonal Adaptive-Subspace Self-Organizing Map based Feature Extraction for Human Action Recognition
Yang Du, Chunfeng Yuan*, Weiming Hu, Hao Yang

Hierarchical Policy Search via Return-Weighted Density Estimation
Takayuki Osa*, Masashi Sugiyama

Hierarchical Recurrent Attention Network for Response Generation
Chen Xing*, Yu Wu, Wei Wu, Yalou Huang, Ming Zhou

Hierarchical Video Generation from Orthogonal Information: Optical Flow and Texture
Shohei Yamamoto*, Katsunori Ohnishi, Yoshitaka Ushiku, Tatsuya Harada

High Rank Matrix Completion with Side Information
Ehsan Elhamifar*, Yugang Wang

HodgeRank with Information Maximization for Crowdsourced Pairwise Ranking Aggregation
Qianqian Xu, Jiechao Xiong, xi Chen, Qingming Huang, Yuan Yao*

HogRider: Champion Agent of Microsoft Malmo Collaborative AI Challenge
Yanhai Xiong*, Haipeng Chen, Mengchen Zhao, An Bo

How AI Wins Friends and Influences People in Repeated Games with Cheap Talk
Mayada Oudah, Talal Rahwan, Tawna Crandall, Jacob Crandall*

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Linli Xu, Liang Jiang*, Chuan Qin, Zhe Wang, Dongfang Du

How Many Properties Do We Need for Gradual Argumentation?
Antonio Rago*, Francesca Toni, Pietro Baroni

Human Guided Linear Regression with Feature-Level Constraints
Aubrey Gress*, Ian Davidson

Human-in-the-Loop SLAM
Samer Nashed*, Joydeep Biswas

Hybrid Attentive Answer Selection in CQA with Deep Users Modelling
Jiahui Wen*, Mingyang Zhong, Yiliu Feng, Jingwei Ma

Hypergraph Learning with Cost Interval Optimization
Xibin Zhao, Nan Wang*, Heyuan Shi, Hai Wan, Jin Huang, Yue Gao

Hypergraph p -Laplacian: A Differential Geometry View
Shota Saito*, Hideyuki Suzuki, Danilo Mandic

Imitation Learning via Kernel Mean Embedding
Kee-Eung Kim*, Hyun Soo Park

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Kai Song*, Yue Zhang, Min Zhang, Weihua Luo

Improved Results for Minimum Constraint Removal
Eduard Eiben*, Jonathan Gemmell, Iyad Kanj, Andrew Youngdahl

Improved Text Matching by Enhancing Mutual Information
Yang Liu*, Wenge Rong, Zhang Xiong

Improving Language Modelling with Noise Contrastive Estimation
Farhana Ferdousi Liza*, Marek Grzes

Improving Neural Fine-Grained Entity Typing with Knowledge Attention
Ji Xin*, Yankai Lin, Zhiyuan Liu, Maosong Sun

Improving Review Representations with User Attention and Product Attention for Sentiment Classification
Zhen Wu, Xinyu Dai*, Cunyan Yin, Shujian Huang, Jiajun Chen

Improving Sequence-to-Sequence Constituency Parsing
Lemao Liu*, Muhua Zhu, Shuming Shi

Improving the Adversarial Robustness and Interpretability of Deep Neural Networks by Regularizing their Input Gradients
Andrew Ross*, Finale Doshi-Velez

Improving Variational Encoder-Decoders in Dialogue Generation
Xiaoyu Shen*, Hui Su, Vera Demberg, Shuzi Niu

IMS-DTM: Incremental Multi-Scale Dynamic Topic Models
Xilun Chen*, K. selcuk Candan, Maria Luisa Sapino

In Praise of Belief Bases: Doing Epistemic Logic without Possible Worlds
Emiliano Lorini*

Incentive-Compatible Forecasting Competitions
Jens Witkowski*, Rupert Freeman, Jennifer Wortman Vaughan, David Pennock, Andreas Krause

Incentivizing High Quality User Contributions: New Arm Generation in Bandit Learning
Chien-Ju Ho*, Yang Liu

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Yuyang Gao, liang Zhao*

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Jinyue Su, Jiacheng Xu, Xipeng Qiu*, Xuanjing Huang

Incorporating GAN for Negative Sampling in Knowledge Representation Learning
Peifeng Wang*, Shuangyin Li, Rong Pan

Inexact Proximal Gradient Methods for Non-Convex and Non-Smooth Optimization
Bin Gu*, De Wang, Zhouyuan Huo, Heng Huang

Inference on Syntactic and Semantic Structures for Machine Comprehension
Yuanbin Wu*

Inferring Emotion from Conversational Voice Data: A Semi-supervised Multi-path Generative Neural Network Approach
Suping Zhou*, Jia Jia, Qi Wang, Yufei Dong, Kehua Lei, Yufeng Yin, Shengjin Wang

Information Acquisition Under Resource Limitations in a Noisy Environment
Matvey Soloviev*, Joseph Halpern

Information Directed Sampling for Stochastic Bandits with Graph Feedback
Fang Liu*, Swapna Buccapatnam, Ness Shroff

Information Gathering with Peers: Submodular Optimization with Peer-Prediction Constraints
Goran Radanovic, Adish Singla, Andreas Krause, Boi Faltings

Information-Theoretic Domain Adaptation under Severe Noise Conditions
Wei Wang*, Hao Wang, Zhiyong Ran, Ran He

Informed Non-convex Robust Principal Component Analysis with Features
Niannan Xue, Jiankang Deng*, Yannis Panagakis, Stefanos Zafeiriou

Integrated Cooperation and Competition in Multi-Agent Decision-Making
Kyle Wray*, Akshat Kumar, Shlomo Zilberstein

Integrating both Visual and Audio Cues for Enhanced Video Caption
Hao Wangli, Zhaoxiang Zhang*, Guan He

Interactively Learning a Blend of Goal-Based and Procedural Tasks
Aaron Mininger*, John Laird

Interpretable Graph-Based Semi-Supervised Learning via Flows
Raif Rustamov*, James Klosowski

Interpreting CNN Knowledge Via An Explanatory Graph
Quanshi Zhang*, Ruiming Cao, Feng Shi, Ying Nian Wu, Song-Chun Zhu

Investigating Inner Properties of Multimodal Representation and Semantic Compositionality
with Brain-based Componential Semantics
Shaonan Wang*, jiajun zhang, nan lin, Chengqing Zong

IONet: Learning to Cure the Curse of Drift in Inertial Odometry
Changhao Chen*, Xiaoxuan Lu, Andrew Markham, Niki Trigoni

It Takes (Only) Two: Adversarial Generator-Encoder Networks
Dmitry Ulyanov*, Victor Lempitsky, Andrea Vedaldi

Iterative Continuous Convolution for 3D Template Matching and Global Localization
Vitor Guizilini*, Fabio Ramos

Joint Dictionaries for Zero-Shot Learning
Soheil Kolouri*, Mohammad Rostami, Yuri Owechko, Kyungnam Kim

Joint Learning of Set Cardinality and State Distribution
Seyed Hamid RezaTofighi*, Anton Milan, Qinfeng Shi, Anthony Dick, Ian Reid

Joint Training for Neural Machine Translation Models with Monolingual Data
Zhirui Zhang*, Shujie Liu, Mu Li, Ming Zhou, Enhong Chen

Jointly Extracting Event Triggers and Arguments by Dependency-Bridge RNN and Tensor-
Based Argument Interaction
Lei Sha*, Feng Qian, Sujian Li, Baobao Chang, Zhifang Sui

Jointly Parse and Fragment Ungrammatical Sentences
Homa B Hashemi*, Rebecca Hwa

Kernel Cross-Correlator
Chen Wang*, Le Zhang, Lihua Xie, Jungong Yuan

Kill Two Birds with One Stone: Weakly-Supervised Neural Network for Image Annotation
and Tag Refinement
Junjie Zhang*, Qi Wu, Jian Zhang, Chunhua Shen, Jianfeng Lu

Knowledge Enhanced Hybrid Neural Network for Text Matching
Yu Wu*, Wei Wu, Zhoujun Li

Knowledge Graph Embedding with Iterative Guidance from Soft Rules
Shu Guo, Quan Wang*, Lihong Wang, Bin Wang, Li Guo

Knowledge-Based Policies for Qualitative Decentralized POMDPs
Abdallah Saffidine, Francois Schwarzentruher, Bruno Zanuttini*

Knowledge-based Word Sense Disambiguation using Topic Models
Devendra Singh Chaplot*, Ruslan Salakhutdinov

Knowledge, Fairness, and Social Constraints
Haris Aziz, Sylvain Bouveret, Ioannis Caragiannis*, Ira Giagkousi, Jerome Lang

Label Distribution Learning by Exploiting Label Correlations
Xiuyi Jia*, Weiwei Li, Junyu Liu, Yu Zhang

Label Distribution Learning by Exploiting Sample Correlations Locally
Xiang Zheng, Xiuyi Jia*, Weiwei Li

Label Distribution Learning by Optimal Transport
Peng Zhao*, Zhi-Hua Zhou

Labeled Memory Networks for Online Model Adaptation
Shiv Shankar*, Sunita Sarawagi

Lagrangian Constrained Community Detection
Mohadeseh Ganji*, James Bailey, Peter Stuckey

Large Scale Constrained Linear Regression Revisited: Faster Algorithms via Preconditioning
Di Wang*, Jinhui Xu

Large Scaled Relation Extraction with Reinforcement Learning
Xiangrong Zeng*, Shizhu He, Kang Liu, Jun Zhao

Latent Discriminant Subspace Representations for Multi-view Outlier Detection
Kai Li*, Sheng Li, Zhengming Ding, Weidong Zhang, Yun Fu

Latent Semantic Aware Multi-view Multi-label Classification
Changqing Zhang*, Ziwei Yu, Qinghua Hu, Pengfei Zhu, Xiaobo Wang, Xinwang Liu

Latent Sparse Modeling of Longitudinal Multi-dimensional Data
Ko-Shin Chen, Tingyang Xu, Jinbo Bi*

Lateral Inhibition-inspired Convolutional Neural Network for Visual Attention and Saliency Detection
Chunshui Cao*, YongZhen Huang, ziLei Wang, Liang Wang, ninglong Xu, Tieniu Tan

Lattice Recurrent Unit: Improving Convergence and Statistical Efficiency for Sequence Modeling
Chaitanya Ahuja*, Louis-philippe Morency

Leaf-Smoothed Hierarchical Softmax for Ordinal Prediction
Wesley Tansey*, Karl Pichotta, James Scott

Learning a Wavelet-like Auto-Encoder to Accelerate Deep Neural Networks
Tianshui Chen, Liang Lin*, Wangmeng Zuo, Xiaonan Luo, Lei Zhang

Learning Abduction using Partial Observability
Brendan Juba*, Zongyi Li, Evan Miller

Learning Across Scales - Multiscale Methods for Convolution Neural Networks
Lars Ruthotto*, Eldad Haber, Elliot Holtham, Seong-Hwan Jun

Learning Adaptive Hidden Layers for Mobile Gesture Recognition
Ting-Kuei Hu*, Yen-Yu Lin, Pi-Cheng Hsiu

Learning Adversarial 3D Model Generation With 2D Image Enhancer
Jing Zhu, Jin Xie, Yi Fang*

Learning Better Name Translation for Cross-Lingual Wikification
Chen-Tse Tsai*, Dan Roth

Learning Binary Residual Representations for Domain-specific Video Streaming
Yi-Hsuan Tsai*, Ming-Yu Liu, Deqing Sun, Ming-Hsuan Yang, Jan Kautz

Learning Coarse-to-fine Structured Feature Embedding for Vehicle Re-identification
Haiyun Guo*, Chaoyang Zhao, zhiwei liu, jinqiao wang, hanqing lu

Learning Combinatory Categorical Grammars for Plan Recognition
Christopher Geib*, Pavan Kantharaju

Learning Conditional Generative Models for Temporal Point Processes
Shuai Xiao*, hongteng Xu, Junchi Yan, Mehrdad Farajtabar, Xiaokang Yang, Le Song, Hongyuan Zha

Learning Datum-Wise Sampling Frequency for Energy-Efficient Human Activity Recognition
Weihao Cheng*, Sarah Erfani, Rui Zhang, Ramamohanarao Kotagiri

Learning Differences between Visual Scanning Patterns can Disambiguate Bipolar and Unipolar Patients
Jonathan Chung*, Moshe Eizenman, Uros Rakita, Roger S. McIntyre, Peter Giacobbe

Learning Efficient Point Cloud Generation for Dense 3D Object Reconstruction
Chen-Hsuan Lin*, Chen Kong, Simon Lucey

Learning from Semi-Supervised Weak-Label Data
Hao-Chen Dong*, Yu-feng Li, Zhi-Hua Zhou

Learning from Unannotated QA Pairs to Analogically Disambiguate and Answer Questions
Maxwell Crouse*, Clifton McFate, Kenneth Forbus

Learning Generative Neural Networks for 3D Colorization
Zhenpei Yang*, Lihang Liu, Qixing Huang

Learning Graph-Structured Sum-Product Networks for Probabilistic Semantic Maps
Kaiyu Zheng, Andrzej Pronobis*, Rajesh Rao

Learning Integrated Holism-Landmark Representations for Long-Term Loop Closure Detection

Fei Han, Hua Wang*, Hao Zhang

Learning Interpretable Spatial Operations in a Rich 3D Blocks World
Yonatan Bisk*, Kevin Shih, Daniel Marcu, Yejin Choi

Learning Latent Opinions for Aspect-level Sentiment Classification
Bailin Wang*, Wei Lu

Learning Lexicographic Preference Trees from Positive Examples
Helene Fargier, Pierre-François Gimenez*, Jerome Mengin

Learning Mixtures of MLNs
Mohammad Maminur Islam*, Somdeb Sarkhel, Deepak Venugopal

Learning Mixtures of Random Utility Models
Zhibing Zhao*, Tristan Villamil, Lirong Xia

Learning Multi-Modal Word Representation Grounded in Visual Context
Eloi Zablocki*, Laure Soulier, Benjamin Piwowarski, Patrick Gallinari

Learning Multi-way Relations via Tensor Decomposition with Neural Networks
Koji Maruhashi*, Masaru Todoriki, Takuya Ohwa, Keisuke Goto, Yu Hasegawa, Hiroya Inakoshi, Hirokazu Anai

Learning Multimodal Word Representation via Dynamic Fusion Methods
Shaonan Wang*, jiajun zhang, Chengqing Zong

Learning Nonlinear Dynamics in Efficient, Balanced Spiking Networks using Local Plasticity Rules

Alireza Alemi*, Christian Machens, Sophie Deneve, Jean-Jacques Slotine

Learning Pose Grammar to Encode Human Body Configuration for 3D Pose Estimation
Haoshu Fang, Yuanlu Xu*, Wenguan Wang, Xiaobai Liu, Song-Chun Zhu

Learning Predictive State Representations from Non-uniform Sampling
Yuri Grinberg*, Hossein Aboutaleb, Melanie Lyman-Abramovitch, Borja Balle, Doina Precup

Learning Robust Options
Daniel Mankowitz*, Timothy Mann, Shie Mannor, Doina Precup, Pierre-luc Bacon

Learning Robust Search Strategies Using a Bandit-Based Approach
WEI XIA, Roland Yap*

Learning Sentiment-Specific Word Embedding via Global Sentiment Representation
Peng Fu*, Zheng Lin, Fengcheng Yuan, Weiping Wang, Dan Meng

Learning Spatio-temporal Features with Partial Expression Sequences for on-the-Fly Prediction

Wissam Baddar*, Yong Man Ro

Learning Structured Representation for Text Classification via Reinforcement Learning

Tianyang Zhang*, Minlie Huang, Li Zhao

Learning the Behavior of a Dynamical System Via a "Questions" Approach

Abhijin Adiga*, Chris Kuhlman, Madhav Marathe, S.S. Ravi, Daniel Rosenkrantz, Richard Stearns

Learning the Joint Representation of Heterogeneous Temporal Events for Clinical Endpoint Prediction

Luchen Liu*, Jianhao Shen, Jian Tang, Zichang Wang, Ming Zhang

Learning the Probability of Activation in the Presence of Latent Spreaders

Maggie Makar*, John Guttag, Jenna Wiens

Learning to Attack: Adversarial Transformation Networks

Shumeet Baluja*, Ian Fischer

Learning to Attend via Word-Aspect Associative Fusion for Aspect-based Sentiment Analysis

Yi Tay*, Anh Tuan Luu, Siu Cheung Hui

Learning to Compose Task-Specific Tree Structures

Jihun Choi*, Kang Min Yoo, Sang-goo Lee

Learning to Extract Coherent Summary via Deep Reinforcement Learning

Yuxiang WU*, Baotian Hu

Learning to Generalize: Meta-Learning for Domain Generalization

Da Li*, Yongxin Yang, Timothy Hospedales, Yi-Zhe Song

Learning to Guide Decoding for Image Captioning

Wenhao Jiang*, Lin Ma, Hanwang Zhang, Xinpeng Chen, Wei Liu

Learning to Interact with Learning Agents

Adish Singla*, Hamed Hassani, Andreas Krause

Learning to Predict Readability Using Eye-Movement Data From Natives and Learners

Ana Gonzalez-Garduño*, Anders Søgaard

Learning to Rank based on Analogical Reasoning

Mohsen Ahmadi Fahandar, Eyke Hullermeier*

Learning Transferable Subspace for Human Motion Segmentation

Lichen Wang*, Zhengming Ding, Yun Fu

Learning User Preferences to Incentivize Exploration in the Sharing Economy

Christoph Hirnschall, Adish Singla*, Sebastian Tschitschek, Andreas Krause

Learning Vector Autoregressive Models with Latent Processes

Saber Salehkaleybar*, Jalal Etesami, Negar Kiyavash, Kun Zhang

Learning with Incomplete Labels
Yingming Li*, Zenglin Xu, zhongfei Zhang

Learning with Options that Terminate Off-Policy
Anna Harutyunyan*, Peter Vrancx, Pierre-luc Bacon, Doina Precup, Ann Nowe

Learning with Single-Teacher Multi-Student
Shan You*, Chang Xu, Chao Xu, Dacheng Tao

Less-forgetful Learning for Domain Expansion in Deep Neural Networks
Heechul Jung*, Jeongwoo Ju, Minju Jung, Junmo Kim

Leveraging Lexical Substitutes for Unsupervised Word Sense Induction
Domagoj Alagić*, Jan Šnajder, Sebastian Pado

Lifted Generalized Dual Decomposition
Nicholas Gallo*, Alexander Ihler

Linear and Integer Programming-based Heuristics for Cost-optimal Numeric Planning
Chiara Piacentini*, Margarita Castro, Andre Cire, Chris Beck

Linguistic Properties Matter for Implicit Discourse Relation Recognition: Combining Semantic Interaction, Topic Continuity and Attribution
Wenqiang Lei*, Yuanxin Xiang, Yuwei Wang, Qian Zhong, Meichun Liu, Min-Yen Kan

Link Prediction via Subgraph Embedding-Based Convex Matrix Completion
Zhu Cao*, Linlin Wang, Gerard De melo

Link Prediction with Personalized Social Influence
Zepeng Huo*, Xiao Huang, Xia Hu

Liquid Democracy: An Algorithmic Perspective
Anson Kahng, Simon Mackenzie, Ariel Procaccia*

Listening to the World Improves Speech Command Recognition
Brian McMahan, Delip Rao*

Load Scheduling of Simple Temporal Networks Under Dynamic Resource Pricing
T. K. Satish Kumar, Zhi Wang*, Anoop Kumar, Craig Rogers, Craig Knoblock

Locality Preserving Projection Based on F-norm
Xiangjie Hu, Yanfeng Sun*, Junbin Gao, Yongli Hu, Baocai Yin

Location-Sensitive User Profiling Using Crowdsourced Labels
Wei Niu*, James Caverlee, Haokai Lu

Long Text Generation via Adversarial Training with Leaked Information
Jiaxian Guo*, Sidi Lu, Han Cai, Weinan Zhang, Jun Wang, Yong Yu

Long-Term Image Boundary Prediction
Apratim Bhattacharyya*, Mateusz Malinowski, Bernt Schiele, Mario Fritz

LSTD: A Low-Shot Transfer Detector for Object Detection
Hao Chen, Yali Wang, Guoyou Wang, Yu Qiao*

LTLf/LDLf Non-Markovian Rewards
Ronen Brafman, Giuseppe De Giacomo, Fabio Patrizi*

Machine-Translated Knowledge Transfer for Commonsense Causal Reasoning
Jinyoung Yeo*, Gengyu Wang, Hyunsouk Cho, Seungtaek Choi, Seung-won Hwang

Manipulative Elicitation -- A New Attack on Elections with Incomplete Preferences
Palash Dey*

Margin based PU Learning
Tieliang Gong*, Ming Lin, Guangtao Wang, Jieping Ye, Zongben Xu

MathDQN: Solving Arithmetic Word Problems via Deep Reinforcement Learning
Lei Wang, Dongxiang Zhang*, Lianli Gao, Jingkuan Song, Long Guo, Heng Tao Shen

Matrix Variate Gaussian Mixture Distribution Steered Robust Metric Learning
Lei Luo*, Heng Huang

Maximizing Activity in Ising Networks via the TAP Approximation
Christopher Lynn*, Daniel Lee

Maximizing Influence in an Unknown Social Network
Bryan Wilder*, Nicole Immorlica, Eric Rice, Milind Tambe

Maximum A Posteriori Inference in Sum-Product Networks
Jun Mei*, Yong Jiang, Kewei Tu

Maximum-Variance Total Variation Denoising for Interpretable Spatial Smoothing
Wesley Tansey*, Jesse Thomason, James Scott

MaxSAT Resolution with the Dual Rail Encoding
Maria Luisa Bonet*, Sam Buss, Alexey Ignatiev, Joao Marques-silva, Antonio Morgado

MDP-based Cost Sensitive Classification using Decision Trees
Guy Shani*, Shlomi Maliah

Measuring Catastrophic Forgetting in Neural Networks
Ronald Kemker*, Marc McClure, Angelina Abitino, Tyler Hayes, Christopher Kanan

Measuring Conditional Independence by Independent Residuals: Theoretical Results and Application in Causal Discovery
Hao Zhang, Shuigeng Zhou*, Jihong Guan

Measuring Strong Inconsistency
Markus Ulbricht, Matthias Thimm*, Gerhard Brewka

Measuring the Popularity of Job Skills in Recruitment Market: A Multi-Criteria Approach
Tong Xu*, Hengshu Zhu, Chen Zhu, Pan Li, Hui Xiong

Medical Exam Question Answering with Large-scale Reading Comprehension

Xiao Zhang*, Xiao Zhang, Ying Su, Zhiyang He, Xien Liu, Ji Wu

Memory Fusion Network for Multi-view Sequential Learning

Amir Zadeh*, Paul Pu Liang, Navonil Mazumder, Soujanya Poria, Erik Cambria, Louis-philippe Morency

Memory-Augmented Monte Carlo Tree Search

Chenjun Xiao*, Jincheng Mei, Martin Mueller

Mention and Entity Description Co-Attention For Entity Disambiguation

Feng Nie*, Yunbo Cao, jinpeng Wang, Chin-Yew Lin, Rong Pan

MERCS: Multi-directional Ensembles of Regression and Classification Trees

Elia Van Wolputte*, Evgeniya Korneva, Hendrik Blockeel

Merge or Not? Learning to Group Faces via Imitation Learning

Yue He, Kaidi Cao, Cheng Li, Chen Change Loy*

Mesh-based Autoencoders for Localized Deformation Component Analysis

Qingyang Tan, Lin Gao*, Yu-Kun Lai, Jie Yang, Shihong Xia

Meta Multi-Task Learning for Sequence Modeling

Junkun Chen, Xipeng Qiu*, Pengfei Liu, Xuanjing Huang

Meta-Search Through the Space of Representations and Heuristics on a Problem by Problem Basis

Raquel Fuentetaja*, Michael Barley, Daniel Borrajo, Jordan Douglas, Santiago Franco, Patricia Riddle

Metric-based Auto-Instructor for Learning Mixed Data Representation

Songlei Jian*, Liang Hu, Longbing Cao, Kai Lu

Minesweeper with Limited Moves

Serge Gaspers, Stefan Rümmele*, Abdallah Saffidine, Kevin Tran

Mining Heavy Temporal Subgraphs: Fast Algorithms And Applications

Jose Cadena*, Anil kumar Vullikanti

Mitigating Overexposure in Viral Marketing

Rediet Abebe*, Lada Adamic, Jon Kleinberg

Mix-and-Match Tuning for Self-Supervised Semantic Segmentation

Xiaohang Zhan, Ziwei Liu, Ping Luo, xiaoou Tang, Chen Change Loy*

Mixed Sum-Product Networks: A Deep Architecture for Hybrid Domains

Alejandro Molina*, Kristian Kersting, Nicola Di Mauro, Antonio Vergari, Sriraam Natarajan, Floariana Esposito

MixedPeds: Pedestrian Detection in Unannotated Videos using Synthetically Generated Human-agents for Training

Chor Hei Ernest Cheung*, Tsan Kwong Wong, Aniket Bera, Dinesh Manocha

Model-Free Iterative Temporal Appliance Discovery for Unsupervised Electricity Disaggregation
Mark Valovage*, Akshay Shekhawat, Maria Gini

Modeling Attention and Memory for Auditory Selection in a Cocktail Party Environment
Jiaming Xu*, Jing Shi, Guangcan Liu, Xiuyi Chen, xu Bo

Modeling Scientific Influence for Research Trending Topic Prediction
Chengyao Chen*, Zhitao Wang, Wenjie Li, Xu Sun

Modeling Temporal Tonal Relations in Polyphonic Music Through Deep Networks with a Novel Image-Based Representation
Ching-Hua Chuan*, Dorien Herremans

Modelling Iterative Judgment Aggregation
Zoi Terzopoulou*, University of Amsterdam

Movie Question Answering: Remembering the Textual Cues for Layered Visual Contents
Bo Wang, Youjiang Xu, Yahong Han*, Richang Hong

MUDA: A Truthful Multi-Unit Double-Auction Mechanism
Erel Segal-Halevi*, Avinatan Hassidim, Yonatan Aumann

Multi-Adversarial Domain Adaptation
Zhongyi Pei, Zhangjie Cao, Mingsheng Long*, Jianmin Wang

Multi-attention Recurrent Network for Human Communication Comprehension
Amir Zadeh*, Paul Pu Liang, Soujanya Poria, Erik Cambria, Prateek Vij, Louis-philippe Morency

Multi-channel Encoder for Neural Machine Translation
Hao Xiong*, Zhongjun He, Xiaoguang Hu, Hua Wu

Multi-Channel Pyramid Person Matching Network for Person Re-Identification
Chaojie Mao, Yingming Li*, zhongfei Zhang, yaqing Zhang, Xi Li

Multi-Entity Aspect-Based Sentiment Analysis with Context, Entity and Aspect Memory
Jun Yang*, Runqi Yang, Chong-Jun Wang, Jun-Yuan Xie

Multi-Entity Dependence Learning with Rich Context via Conditional Variational Auto-encoder
Luming Tang, Yexiang Xue*, Di Chen, Carla Gomes

Multi-facet Network Embedding: Beyond the General Solution of Detection and Representation
Liang Yang*, Xiaochun Cao, Yuanfang Guo

Multi-Layer Multi-View Classification for Alzheimer's Disease Diagnosis
Changqing Zhang*, Ehsan Adeli, tao Zhou, Xiaobo Chen, dinggang Shen

Multi-Level Variational Autoencoder: Learning Disentangled Representations from Grouped Observations
Diane Bouchacourt*, Ryota Tomioka, Sebastian Nowozin

Multi-modal Multi-task Learning for Automatic Dietary Assessment
Qi Liu*, Yue Zhang, Zhenguang Liu, Ye Yuan, Li Cheng, Roger Zimmermann

Multi-rate Gated Recurrent Convolutional Networks for Video-Based Pedestrian Re-Identification
Zhihui Li*, Lina Yao, Feiping Nie, Dingwen Zhang, Min Xu

Multi-Scale Bidirectional FCN for Object Skeleton Extraction
Fan Yang, Xin Li*, Hong Cheng, Yuxiao Guo, Leiting Chen, Jianping Li

Multi-Scale Face Restoration with Sequential Gating Ensemble Network
Jianxin Lin, Tiankuang Zhou, Zhibo Chen*

Multi-Step Reinforcement Learning: A Unifying Algorithm
Kristopher De Asis, Juan Hernandez, Gordon Holland*, Richard Sutton

Multi-step time series generator for molecular dynamics
Katsuhiko Endo, Katsufumi Tomobe*, Kenji Yasuoka

Multi-Task Learning For Parsing The Alexa Meaning Representation Language
Thomas Kollar*, Vittorio Perera, Emma Strubell, Tagyoung Chung

Multi-Task Medical Concept Normalization Using Multi-View Convolutional Neural Network
Yi Luo*, Guojie Song, Pengyu Li, Zhongang Qi

Multi-View Multi-Graph Embedding for Brain Network Clustering Analysis
Ye Liu*, Lifang He, Bokai Cao, Philip Yu, Ann Ragin, Alex Leow

Multiagent Connected Path Planning: PSPACE-Completeness and How to Deal with It
Davide Tateo*, Jacopo Banfi, Alessandro Riva, Francesco Amigoni, Andrea Bonarini

Multiagent Simple Temporal Problem: The Arc-Consistency Approach
Shufeng Kong*, Jae Hee Lee, Sanjiang Li

Multimodal Keyless Attention Fusion for Video Classification
Xiang Long*, Chuang Gan, Gerard De melo, Xiao Liu, Yandong Li, Fu Li, Shilei Wen

Multimodal Poisson Gamma Belief Network
Bo Chen, ChaoJie Wang*, MingYuan Zhou

Multispectral Transfer Network: Unsupervised Depth Estimation for All-day Vision
Namil Kim*, Yukyung Choi, Soonmin Hwang, In So Kweon

Multiwinner Elections with Diversity Constraints
Robert Brederick, Piotr Faliszewski, Ayumi Igarashi*, Martin Lackner, Piotr Skowron

MuseGAN: Multi-track Sequential Generative Adversarial Networks for Symbolic Music Generation and Accompaniment
Hao-Wen Dong*, Wen-Yi Hsiao, Li-Chia Yang, Yi-Hsuan Yang

Neural Character-level Dependency Parsing for Chinese
Haonan Li*, Zhisong Zhang, Yuqi Ju, Hai Zhao

Neural Cross-lingual Entity Linking
Avirup Sil*, Gourab Kundu, Radu Florian, Wael Hamza

Neural Ideal Point Estimation Network
Kyungwoo Song, Wonsung Lee, Il chul Moon*

Neural Knowledge Acquisition via Mutual Attention between Knowledge Graph and Text
HAN XU*, Zhiyuan Liu, Maosong Sun

Neural Link Prediction over Aligned Networks
Xuezhi Cao*, Haokun Chen, Xuejian Wang, Weinan Zhang, Yong Yu

Neural Machine Translation with Gumbel-Greedy Decoding
Jiatao Gu*, Daniel Jiwoong Im, Victor O.K. Li

Neural Networks Incorporating Dictionaries for Chinese Word Segmentation
Qi Zhang*, Xiaoyu Liu, Jinlan Fu

Neural Response Generation with Dynamic Vocabularies
Yu Wu*, Wei Wu, Zhoujun Li, Can Xu, Dejian Yang

Never Retreat, Never Retract: Argumentation Analysis for Political Speeches
Stefano Menini, Elena Cabrio*, Sara Tonelli, Serena Villata

New L21-Norm Relaxation of Multi-Way Graph Cut for Clustering
Xu Yang, Cheng Deng*, Xianglong Liu, F. Nie

No Modes left behind: Capturing the data distribution effectively using GANs
Shashank Sharma, Vinay Namboodiri*

Noisy Derivative-free Optimization with Value Suppression
Hong Wang, Hong Qian, Yang Yu*

Non-Discriminatory Machine Learning through Convex Fairness Criteria
Naman Goel*, Mohammad Yaghini, Boi Faltings

Non-Exploitable Protocols for Repeated Cake Cutting
Omer Tamuz, Shai Vardi*, Juba Ziani

Non-parametric Outliers Detection in Multiple Time Series A Case Study: Power Grid Data Analysis
Yuxun Zhou*, Reza Arghandeh, Han Zou, Weixi Gu, Costas Spanos

Nonconvex Sparse Spectral Clustering by Alternating Direction Method of Multipliers and Its Convergence Analysis
Canyi Lu*, Jiashi Feng, Zhouchen Lin, Shuicheng Yan

Nonlinear Pairwise Layer and Its Training for Kernel Learning
Fanghui Liu*, Xiaolin Huang, Chen Gong, Jie Yang, Li Li

Nonlocal Patch Based t-SVD for Image Inpainting: Algorithm and Error Analysis
Liangchen Song, Bo Du, Lefei Zhang*, Liangpei Zhang, Jia Wu, Xuelong Li

Nonparametric Stochastic Contextual Bandits
Melody Guan*, Heinrich Jiang

Norm Conflict Resolution in Stochastic Domains
Daniel Kasenberg*, Matthias Scheutz

On Consensus in Belief Merging
Nicolas Schwind*, Pierre Marquis

On Controlling the Size of Clusters in Probabilistic Clustering
Aditya Jitta*, Arto Klami

On Convergence of Epanechnikov Mean Shift
Kejun Huang*, Xiao Fu, Nicholas Sidiropoulos

On Cryptographic Attacks Using Backdoors for SAT
Alexander Semenov*, Oleg Zaikin, Ilya Otpuschennikov, Stepan Kochemazov, Alexey Ignatiev

On Data-Dependent Random Features for Improved Generalization in Supervised Learning
Shahin Shahrampour*, Ahmad Beirami, Vahid Tarokh

On Multi-Relational Link Prediction with Bilinear Models
Yanjie Wang*, Hui Li, Rainer Gemulla

On Multiset Selection with Size Constraints
Chao Qian*, Yibo Zhang, Ke Tang, Xin Yao

On Organizing Online Soirees with Live Multi-Streaming
Chih-Ya Shen*, CEDRIC PARFAIT KANKEU FOTSING, De-nian Yang, Yi-Shin Chen, Wang-Chien Lee

On Recognising Nearly Single-Crossing Preferences
Florian Jaeckle, Dominik Peters*, Edith Elkind

On Social Envy-Freeness in Multi-Unit Markets
Michele Flammini, Manuel Mauro*, Matteo Tonelli

On the Approximation of Nash Equilibria in Sparse Win-Lose Games
Zhengyang Liu*, Ying Sheng

On the Complexity of Extended and Proportional Justified Representation
Haris Aziz*, Edith Elkind, Shenwei Huang, Martin Lackner, Luis Sánchez-Fernández, Piotr Skowron

On the Distortion of Voting with Multiple Representative Candidates
Yu Cheng*, Shaddin Dughmi, David Kempe

On the ERM Principle with Networked Data
Yuanhong Wang*, Yuyi Wang, Xingwu Liu, Juhua Pu

On the Optimal Bit Complexity of Circulant Binary Embedding

Saehoon Kim*, Jungtaek Kim, Seungjin Choi

On the Relationship Between State-Dependent Action Costs and Conditional Effects in Planning

Robert Mattmueller, Florian Geißer, Benedict Wright*, Bernhard Nebel

On the Satisfiability Problem of Patterns in SPARQL 1.1

Xiaowang Zhang, Jan Van den Bussche, Kewen Wang*, Zhe Wang

On the Time and Space Complexity of Genetic Programming for Evolving Boolean Conjunctions

Andrei Lissovoi*, Pietro Oliveto

On Trivial Solution and High Correlation Problems in Deep Supervised Hashing

Yuchen Guo*, XIN ZHAO, Guiguang Ding, Jungong Han

On Validation and Predictability of Digital Badgesâ€™ Influence on Individual Users

Tomasz Kusmierczyk*, Kjetil Nørvåg

On Value Function Representation of Long Horizon Problems

Lucas Lehnert*, Harm van Seijen, Romain Laroche

Online Clustering of Contextual Cascading Bandits

Shuai Li*, Shengyu Zhang

Online Learning for Structured Loss Spaces

Aadirupa Saha*, Siddharth Barman, Aditya Gopalan

Open-World Knowledge Graph Completion

Baoxu Shi, Tim Weninger*

Optimal Approximation of Random Variables for Estimating the Probability of Meeting a Plan Deadline

Liat Cohen, Tal Grinshpoun*, Gera Weiss

Optimal Margin Distribution Clustering

Teng Zhang, Zhi-Hua Zhou*

Optimal Spot-Checking for Improving Evaluation Accuracy of Peer Grading Systems

Wanyuan Wang*, Bo An, Yichuan Jiang

Optimised Maintenance of Datalog Materialisations

Pan Hu*, Boris Motik, Ian Horrocks

Optimizing Interventions via Offline Policy Evaluation: Studies in Citizen Science

Avi Segal, Kobi Gal*, Ece Kamar (CC-HAIC), Eric Horvitz, Grant Miller

OptionGAN: Learning Joint Reward-Policy Options using Generative Adversarial Inverse Reinforcement Learning

Peter Henderson*, Wei-Di Chang, Pierre-luc Bacon, David Meger, Joelle Pineau, Doina Precup

Order-Free RNN with Visual Attention for Multi-Label Classification

Yi-Chen Chen, Shang-Fu Chen, Chih-Kuan Yeh, Yu-Chiang Frank Wang*

Order-Planning Neural Text Generation From Structured Data

Lei Sha*, Lili Mou, Tianyu Liu, Pascal Poupart, Sujian Li, Baobao Chang, Zhifang Sui

Orthogonal Weight Normalization: Solution to Optimization over Multiple Dependent Stiefel Manifolds in Deep Neural Networks

Lei Huang*, Xianglong Liu, Bo Lang, Adams Wei Yu, yongliang wang, Li Bo

OTypeR : A Neural Architecture for Open Named Entity Typing

Zheng Yuan*, Doug Downey

Overlap-Robust Decision Boundary Learning for Within-Network Classification

Sharad Nandanwar*, Narasimha Murty Musti, Bangalore

PAC Reinforcement Learning with an Imperfect Model

Nan Jiang*

Parallel Algorithms for Operations on Multi-valued Decision Diagrams

Jean-charles Regin*, Guillaume Perez

Parameter-free centralized multi-task learning for characterizing developmental sex differences in resting state functional connectivity

Xiaofeng Zhu*, Hongming Li, Yong Fan

Partial Multi-Label Learning

Ming-Kun Xie, Sheng-Jun Huang*

Partial Multi-view Outlier Detection Based on Collective Learning

Jun Guo*, Wenwu Zhu

Partial Truthfulness in Minimal Peer Prediction Mechanisms with Limited Knowledge

Goran Radanovic*, Boi Faltings

Perceiving, Learning, and Recognizing 3D Objects: An Approach to Cognitive Service Robots

SEYED HAMIDREZA KASAEI*, Juil Sock, Luis Seabra lopes, Ana Maria Tome, Tae-Kyun Kim

Perception Coordination Network: a Framework for Online Multi-Modal Concept Acquisition and Binding

You-Lu Xing*, Fu-Rao Shen, Jin-Xi Zhao, Jing-Xin Pan, Ah-Hwee Tan

Personalized Privacy-Preserving Social Recommendation

Xuying Meng*, Suhang Wang, Kai Shu, Jundong Li, Bo Chen, Huan Liu, Yujun Zhang

Personalized Time-aware Tag Recommendation

keqiang Wang, Yuanyuan Jin*, Haofen Wang, hongwei Peng, Xiaoling Wang

Personalizing a Dialogue System with Transfer Reinforcement Learning

Kaixiang Mo*, Yu Zhang, Shuangyin Li, Jiajun Li, Qiang Yang

Persuasive Influence Detection: The Role of Argument Sequencing

Christopher Hidey*, Kathleen McKeown

Phase-Parametric Policies for Reinforcement Learning in Cyclic Environments
Arjun Sharma*, Kris Kitani

Picasso, Matisse, or a Fake? Automated Analysis of Drawings at the Stroke Level for Attribution and Authentication
Ahmed Elgammal*, Yan Kang, Milko Den Leeuw

PixelLink: Detecting Scene Text via Instance Segmentation
Dan Deng, Haifeng Liu*, Deng Cai, Xuelong Li

Placing Objects in Gesture Space: Toward Incremental Interpretation of Multimodal Spatial Descriptions
Ting Han*, Casey Kennington, David Schlangen

Plan Recognition in Continuous Domains
Gal Kaminka*, Mor Vered, Noa Agmon

Planning and Learning For Decentralized MDPs With Event Driven Rewards
Tarun Gupta*, Akshat Kumar, Praveen Paruchuri

Planning with Pixels in (Almost) Real Time
Wilmer Bandres, Blai Bonet*, Hector Geffner

Policy Learning for Continuous Space Security Games using Neural Networks
Nitin Kamra*, Umang Gupta, Fang Fei, Yan Liu, Milind Tambe

POMDP-based Decision Making for Fast Event Handling in VANETs
Shuo Chen*, Athirai Irissappane, Jie Zhang

PoseHD: Boosting Human Detectors using Human Pose Information
Zhijian Liu, Bowen Pan, Yuliang Xiu, Cewu Lu*

Preallocation and Planning under Stochastic Resource Constraints
Frits De Nijs*, Matthijs T. J. Spaan, Mathijs De Weerd

Predicting Aesthetic Score Distribution through Cumulative Jensen-Shannon Divergence
Xin Jin, Le Wu, Xiaodong Li, Siyu Chen, Siwei Peng, Jingying Chi, Shiming Ge*, Chenggen Song, Geng Zhao

Predicting Links in Plant-Pollinator Interaction Networks using Latent Factor Models with Implicit Feedback
Eugene Seo*, Rebecca Hutchinson

Predicting Vehicular Travel times by Modeling Heterogeneous Influences between Arterial Roads
Avinash Achar*, Venkatesh Sarangan, Rohith R, Anand Sivasubramaniam

Predictive Coding Machine for Compressed Sensing and Image Denoising
Jun Li*, Hongfu Liu, Yun Fu

Premise Set Caching for Enumerating Minimal Correction Subsets
Alessandro Previti, Carlos Mencia, Matti Järvisalo*, Joao Marques-silva

Preventing Infectious Disease in Dynamic Populations Under Uncertainty
Bryan Wilder*, Sze-chuan Suen, Milind Tambe

Privacy Preserving Point-of-interest Recommendation Using Decentralized Matrix Factorization
Chaochao Chen*, Ziqi Liu, Peilin Zhao, Jun Zhou, Xiaolong Li

Privacy-Preserving Policy Iteration for Decentralized POMDPs
Feng Wu*, Shlomo Zilberstein, Xiaoping Chen

Probabilistic Ensemble of Collaborative Filters
Zhiyu Min*, Dahua LIN

Probabilistic Inference Over Repeated Insertion Models
Batya Kenig*, Lovro Ilijasic, Benny Kimelfeld, Haoyue Ping, Julia Stoyanovich

Product Quantized Translation for Fast Nearest Neighbor Search
Yoonho Hwang*, Mooyeol Baek, Saehoon Kim, Bohyung Han, Hee-Kap Ahn

Progressive Cognitive Human Parsing
Bingke Zhu*, Yingying Chen, Ming Tang, jinqiao wang

Proper Loss Functions for Nonlinear Hawkes Processes
Aditya Menon*, Young Lee

Proposition Entailment in Educational Applications using Deep Neural Networks
Florin Bulgarov*, Rodney Nielsen

Proximal Alternating Direction Network: A Globally Converged Deep Unrolling Framework
Risheng Liu*, Xin Fan, Shichao Cheng, Xiangyu Wang, Zhongxun Luo

PVL: A Framework for Navigating the Precision-Variety Trade-off in Automated Animation of Smiles
Nicholas Sohre*, Moses Adeagbo, Nathaniel Helwig, Sofia Lyford-Pike, Stephen Guy

Qualitative Reasoning about Cardinal Directions using Answer Set Programming
Yusuf Izmirioglu, Esra Erdem*

Quantized Memory-Augmented Neural Networks
SEONGSIK PARK, seijoon kim, SEIL LEE, HO BAE, Sungroh Yoon*

Question Answering as Global Reasoning over Semantic Abstractions
Daniel Khashabi*, Ashish Sabharwal, Tushar Khot, Dan Roth

Question-Answering with Grammatically-Interpretable Representations
Hamid Palangi*, Paul Smolensky, Xiaodong He, Li Deng

r-BTN: Cross-domain Face Composite and Synthesis from Limited Facial Patches
Yang Song*, Zhifei Zhang, Hairong Qi

R-FCN++: Towards Accurate Region-based Fully Convolutional Networks for Object Detection
Zeming Li*, Yilun Chen, Gang Yu, Yangdong Deng

R³: Reinforced Ranker-Reader for Open-Domain Question Answering
Shuohang Wang*, Mo Yu, Xiaoxiao Guo, Zhiguo Wang, Tim Klinger, Wei Zhang, Shiyu Chang, Gerald Tesauro, Bowen Zhou, Jing Jiang

Rainbow: Combining Improvements in Deep Reinforcement Learning
Matteo Hessel*, Joseph Modayil, Hado Van Hasselt, Tom Schaul, Georg Ostrovski, Will Dabney, Dan Horgan, David Silver

RAN4IQA: Restorative Adversarial Nets for No-Reference Image Quality Assessment
Hongyu Ren*, Diqi Chen, Yizhou Wang

Randomized Clustered Nystrom for Large-Scale Kernel Machines
Farhad Pourkamali-Anaraki*, Stephen Becker, Michael Wakin

Randomized Kernel Selection with Spectra of Multilevel Circulant Matrices
Lizhong Ding*, Shizhong Liao, Yong Liu, PENG YANG, Xin Gao

Rank Maximal Equal Contribution: a Probabilistic Social Choice Function
Haris Aziz*, Pang Luo, Christine Rizkallah

Ranking Users in Social Networks with Higher-Order Structures
Huan Zhao*, Xiaogang Xu, Yangqiu SONG, Dik Lun Lee, Zhao Chen, Han Gao

Ranking Wily People Who Rank Each Other
Anson Kahng, Yasmine Kotturi, Chinmay Kulkarni, David Kurokawa, Ariel Procaccia*

Rational Inference Patterns Based on Conditional Logic
Christian Eichhorn*, Gabriele Kern-Isberner, Marco Ragni

Recognizing and Justifying Text Entailment through Distributional Navigation on Definition Graphs
Vivian Silva*, Siegfried Handschuh, Andre Freitas

Recurrent Attentional Reinforcement Learning for Multi-label Image Recognition
Tianshui Chen, Zhouxia Wang, Guanbin Li, Liang Lin*

Recurrently Aggregating Deep Features for Salient Object Detection
Xiaowei Hu*, Lei Zhu, Jing Qin, Chi-Wing Fu, Pheng Ann Heng

Reduced-Rank Linear Dynamical Systems
Qi She*, Yuan Gao, Kai Xu, Rosa Chan

Region-based Quality Estimation Network for Large-scale Person Re-identification
Guanglu Song, Biao Leng*, Yu Liu, Congrui Hetang, Shaofan Cai

Regularizing Deep Networks Using Efficient Layerwise Adversarial Training
Swami Sankaranarayanan*, Arpit Jain, Rama Chellappa, Ser Nam Lim

Reinforced Multi-label Image Classification by Exploring Curriculum
Shiyi He*, Chang Xu, Tianyu Guo, Chao Xu, Dacheng Tao

Reinforcement Learning for Relation Classification from Noisy Data

Jun Feng*, Minlie Huang, Li Zhao, Yang Yang, Xiaoyan Zhu

Reinforcement Learning in POMDPs with Memoryless Options and Option-Observation Initiation Sets

Denis Steckelmacher*, Diederik Roijers, Anna Harutyunyan, Peter Vrancx, H  l  ne Plisnier, Ann Now  

Reinforcement Mechanism Design for Fraudulent Behaviour in e-Commerce

Qingpeng Cai*, Aris Filos-ratsikas, Pingzhong Tang, Yiwei Zhang

Relational Marginal Problems: Theory and Estimation

Ondrej Kuzelka*, Yuyi Wang, Jesse Davis, Steven Schockaert

Reliable Multi-View Clustering

Hong Tao, Chenping Hou*, Xinwang Liu, Dongyun Yi, Jubo Zhu

RelINN: A Deep Neural Model for Relational Learning

Seyed Mehran Kazemi*, David Poole

Repairing Ontologies via Axiom Weakening

Nicolas Troquard, Univ. Bozen-Bolzano, Pietro Galliani, Rafael Penaloza, Daniele Porello, Oliver Kutz

Representation Learning for Scale-free Networks

Rui Feng, Yang Yang*, Wenjie Hu, Fei Wu, Yueting Zhuang

Residual Encoder Decoder Network and Adaptive Prior for Face Parsing

Tianchu Guo*, Youngsong Kim, Hui Zhang, Deheng Qian, Byung in Yoo, Jingtao Xu, Dongqing Zou, Jae-joon Han, Changkyu Choi

Resource Allocation Polytope Games: Uniqueness of Equilibrium, Price of Stability, and Price of Anarchy

Swapnil Dhamal*, Walid Ben-Ameur, Tijani Chahed, Eitan Altman

Resource-Constrained Scheduling for Maritime Traffic Management

Lucas Agussurja*, Akshat Kumar, Hoong chuin Lau

Retrieving and Classifying Affective Images via Deep Metric Learning

Jufeng Yang*, Dongyu She, Yu-Kun Lai, Ming-Hsuan Yang

Reversible Architectures for Arbitrarily Deep Residual Neural Networks

Bo Chang*, Lili Meng, Eldad Haber, Lars Ruthotto, David Begert, Elliot Holtham

Revisiting Immediate Duplicate Detection in External Memory Search

Gengxian Shunji Lin*, Alex Fukunaga

Rich Coalitional Resource Games

Nicolas Troquard*, Univ. Bozen-Bolzano

Riemannian Stein Variational Gradient Descent for Bayesian Inference

Chang Liu*, Jun Zhu

Risk-aware Proactive Scheduling via Conditional Value-at-Risk

Wen Song*, Donghun Kang, Jie Zhang, Hui Xi

Risk-Sensitive Submodular Optimization
Bryan Wilder*

RNN-Based Sequence-Preserved Attention for Dependency Parsing
Yi Zhou*, Junying Zhou, Lu Liu, Jiangtao Feng, Haoyuan Peng, Xiaoqing Zheng

ROAR: Robust Label Ranking for Social Emotion Mining
Jason Zhang, Dongwon Lee*

Robust Collaborative Discriminative Learning for RGB-Infrared Tracking
Xiangyuan Lan*, Mang Ye, Shengping Zhang, Pong c Yuen

Robust Detection of Link Communities in Large Social Networks by Exploiting Link Semantics
Di Jin*, Xiaobao Wang, Ruifang He, Dongxiao He, Jianwu Dang, Weixiong Zhang

Robust Formulation for PCA: Avoiding Mean Calculation with L_{2,p}-norm Maximization
Quanxue Gao*, Jin Li, Yang Liu, Shuangli Liao, Xinbo Gao

Robust Stackelberg Equilibria in Extensive-Form Games and Extension to Limited Lookahead
Christian Kroer*, Gabriele Farina, Tuomas Sandholm

Rocket Launching: A Universal and Efficient Framework for Training Well-performing Light Net
Guorui Zhou*, Ying Fan, weijie Bian, Runpeng Cui, xiaoqiang Zhu, Kun Gai

RSDNE: Exploring Relaxed Similarity and Dissimilarity from Completely-imbalanced Labels for Network Embedding
Zheng Wang*, Xiaojun Ye, Chaokun Wang, YueXin Wu, Changping Wang, Kaiwen Liang

RUBER: An Unsupervised Method for Automatic Evaluation of Open-Domain Dialog Systems
Chongyang Tao*, Lili Mou, Rui Yan, Dongyan Zhao

S-Net: From Answer Extraction to Answer Synthesis for Machine Reading Comprehension
Chuanqi Tan*, Furu Wei, Nan Yang, Bowen Du, Weifeng Lv, Ming Zhou

Safe Exploration and Optimization of Constrained MDPs using Gaussian Processes
Akifumi Wachi*, Yanan Sui, Yisong Yue, Masahiro Ono

Safe Reinforcement Learning via Formal Methods: Toward Safe Control Through Proof and Learning
Nathan Fulton*, André Platzer

Safe Reinforcement Learning via Shielding
Mohammed Alshiekh, Roderick Bloem, Ruediger Ehlers*, Bettina Könighofer, Scott Niekum, Ufuk Topcu

SAGA: A Submodular Greedy Algorithm for Group Recommendation
Shameem Ahamed Puthiya Parambath*, Sanjay Chawla, Nishant Vijayakumar

Sample-Efficient Learning of Mixtures

Hassan Ashtiani*, Shai Ben-david, Abbas Mehrabian

SAP: Self-Adaptive Proposal Model for Temporal Action Detection based on Reinforcement Learning

Jinjia Huang, Nannan Li, Ge Li*, Ronggang Wang, Wenmin Wang

SC2Net: Sparse LSTMs for Sparse Coding

Joey, Jiawei Du, Kai Di, Xi Peng, Hao Yang, Sinno Jialin Pan, Ivor Tsang, Yong Liu, Zheng Qin, Rick Siow Mong Goh

Scalable Relaxations of Sparse Packing Constraints: Optimal Biocontrol in Predator-Prey Networks

Johan Bjorck*, Yiwei Bai, Xiaojian Wu, Yexiang Xue, Mark Whitmore, Carla Gomes

Scale Up Event Extraction Learning via Automatic Training Data Generation

Ying Zeng*, Yansong Feng, Rong Ma, Zheng Wang, Rui Yan, Chongde Shi, Zhao Dongyan

Scene-centric Joint Parsing of Cross-view Videos

Hang Qi*, Tao Yuan, Yuanlu Xu, Tianfu Wu, Song-Chun Zhu

Scheduling in Visual Fog Computing: NP-Completeness and Practical Efficient Solutions

Hong-Min Chu*, Shao-Wen Yang, Padmanabhan Pillai, Yen-Kuang Chen

Schur Number Five

Marijn Heule*

SciTail: A Textual Entailment Dataset from Science Question Answering

Tushar Khot*, Ashish Sabharwal, Peter Clark

Search Action Sequence Modeling with Long Short-Term Memory for Search Task Success Evaluation

Alin Fan, Ling Chen*, Gencai Chen

Search Engine Guided Neural Machine Translation

Jiatao Gu*, Yong Wang, Kyunghyun Cho, Victor O.K. Li

SEE: Syntax-aware Entity Embedding for Neural Relation Extraction

Zhengqiu He*, Wenliang CHEN, Meishan Zhang, Zhenghua Li, Wei Zhang, Min Zhang

SEE: Towards Semi-Supervised End-to-End Scene Text Recognition

Christian Bartz*, Haojin Yang, Christoph Meinel

Selective Experience Replay for Lifelong Learning

David Isele*, Akansel Cosgun

Selective Verification Strategy for Learning from Crowds

Tian Tian, Jun Zhu*, Yichi Zhou

Self-reinforced Cascaded Regression for Face Alignment

Xin Fan*, Risheng Liu, Kang Huyan, Yuyao Feng, Zhongxun Luo

Self-view Grounding Given a Narrated 360° Video

Shih-Han Chou*, Yi-Chun Chen, Kuo-Hao Zeng, Hou-Ning Hu, Jianlong Fu, Min Sun

SELF: Structural Equational Likelihood Framework for Causal Discovery
Ruichu Cai*, Jie Qiao, Zhenjie Zhang, Zhifeng Hao

Semantic Structure-Based Word Embedding by Incorporating Concept Convergence and Word Divergence

Qian Liu, Heyan Huang*, Guangquan Zhang, Yang Gao, Junyu Xuan, Jie Lu

Semi-Black Box: Rapid Development of Planning Based Solutions

Michael Katz*, Dany Moshkovich, Erez Karpas

Semi-distantly Supervised Neural Model for Generating Compact Answers to Open-domain Why Questions

Ryo Ishida*, Jong-hoon Oh, Kentaro Torisawa, Ryu Iida, Canasai Kruengkrai, Julien Kloetzer

Semi-Supervised AUC Optimization without Guessing Labels of Unlabeled Data

Zheng Xie, Ming Li*

Semi-supervised Bayesian Attribute Learning for Person Re-identification

Wenhe Liu*, Ling Chen, Xiaojun Chang, Yi Yang

Semi-supervised Biomedical Translation with Cycle Wasserstein Regression GANs

Matthew McDermott*, Tom Yan, Tristan Naumann, Nathan Hunt, Harini Suresh, Peter Szolovits, Marzyeh Ghassemi

Semi-supervised Learning from Crowds Using Deep Generative Models

Kyohei Atarashi*, Satoshi Oyama, Masahito Kurihara

Sensor-based Activity Recognition via Learning from Distributions

Hangwei Qian*, Sinno Jialin Pan, Chunyan Miao

Sentence Ordering and Coherence Modeling using Recurrent Neural Networks

Lajanugen Logeswaran*, Honglak Lee, Dragomir Radev

SenticNet 5: Discovering Conceptual Primitives for Sentiment Analysis by Means of Context Embeddings

Erik Cambria*, Devamanyu Hazarika, Soujanya Poria, Kenneth Kwok

Sentiment Analysis via Deep Hybrid Textual-Crowd Learning Model

Kamran Ghasedi Dizaji*, Heng Huang

Sequence-to-Point Learning with Neural Networks for Non-intrusive Load Monitoring

Chaoyun Zhang, Mingjun Zhong*, Zongzuo Wang, Nigel Goddard, Charles Sutton

Sequence-to-Sequence Learning via Shared Latent Representation

Xu Shen, Xinmei Tian*, Jun Xing, Yong Rui, Dacheng Tao

Sequential Copying Networks

Qingyu Zhou*, Nan Yang, Furu Wei, Ming Zhou

SFCN-OPI: Detection and Fine-grained Classification of Nuclei Using Sibling FCN with Objectness Prior Interaction

Yanning Zhou*, QI DOU, Hao Chen, Jing Qin, Pheng Ann Heng

Show, Reward and Tell: Automatic Generation of Narrative Paragraph from Photo Stream by Adversarial Training

Jing Wang*, Jianlong Fu, Jinhui Tang, Zechao Li, Tao Mei

Single-Peakedness and Total Unimodularity: New Polynomial-Time Algorithms for Multi-Winner Elections

Dominik Peters*

Situation Calculus Semantics for Actual Causality

Vitaliy Batusov*, Mikhail Soutchanski

SkipFlow: Incorporating Neural Coherence Features for End-to-End Automatic Text Scoring

Yi Tay*, Minh Phan, Anh Tuan Luu, Siu Cheung Hui

Slim Embedding Layers for Recurrent Neural Language Models

Zhongliang Li*, Kulhanek Raymond, Shaojun Wang, Yunxin Zhao, Shuang Wu

SNN: Promoting Word Sentiment and Negation in Neural Sentiment Classification

Qinmin Hu*, Jie Zhou, Qin Chen, Liang He

Social Norms of Cooperation with Costly Reputation Building

Fernando Santos*, Jorge Pacheco, Francisco Santos

Social Recommendation with an Essential Preference Space

Chun-Yi Liu, Chuan Zhou*, Jia Wu, Yue Hu, Li Guo

Source Traces for Temporal Difference Learning

Silviu Pitis*

Source-Target Inference Models for Spatial Instruction Understanding

Hao Tan, MOHIT BANSAL*

Sparse Gaussian Conditional Random Fields on top of Recurrent Neural Networks

Xishun Wang*, Minjie Zhang, Fenghui Ren

Sparse Modeling-based Sequential Ensemble Learning for Effective Outlier Detection in High-dimensional Numeric Data

Guansong Pang*, Longbing Cao, Ling Chen, Defu Lian, Huan Liu

Spatial As Deep: Spatial CNN for Traffic Scene Understanding

Xingang Pan*, Jianping Shi, Ping Luo, Xiaogang Wang, xiaoou Tang

Spatial Temporal Graph Convolutional Networks for Skeleton-Based Action Recognition

Sijie YAN*, Yuanjun XIONG, Dahua LIN, xiaoou Tang

Spatio-Temporal Graph Convolution for Skeleton Based Action Recognition

Chaolong Li*, Zhen Cui, Wenming Zheng, Chunyan Xu, Jian Yang

Spatiotemporal Activity Modeling Under Data Scarcity: A Graph-Regularized Cross-Modal Embedding Approach

Chao Zhang*, Mengxiong Liu, Zhengchao Liu, Carl Yang, Luming Zhang, Jiawei Han

Spectral Word Embedding with Negative Sampling
Behrouz Haji Soleimani*, Stan Matwin

SPINE: SParse Interpretable Neural Embeddings
Danish Pruthi*, Harsh Jhamtani, Anant Subramanian, Taylor Berg-Kirkpatrick, Eduard Hovy

Splitting an LPMLN Program
Bin Wang*, Zhizheng Zhang, Hongxiang Xu, Jun Shen

SqueezedText: A Real-time Scene Text Recognition by Binary Convolutional Encoder-decoder Network
ZICHUAN LIU*, Yixing Li, Fengbo Ren, Wangling Goh, Hao Yu

Stack-Captioning: Coarse-to-Fine Learning for Image Captioning
Jiuxiang Gu*, Jianfei Cai, Gang Wang, Tsuhan Chen

Stackelberg Planning: Towards Effective Leader-Follower State Space Search
Patrick Speicher*, Marcel Steinmetz, Michael Backes, Joerg Hoffmann, Robert Kunnemann

StarSpace: Embed All The Things!
Ledell (Yu) Wu*, Adam Fisch, Sumit Chopra, Keith Adams, Antoine Bordes, Jason Weston

State of the Art: Reproducibility in Artificial Intelligence
Odd Erik Gundersen*, Sigbjørn Kjensmo

Statistical inference using SGD
Tianyang Li*, Liu Liu, Anastasios Kyrillidis, Constantine Caramanis

Stochastic Non-Convex Ordinal Embedding with Stabilized Barzilai-Borwein Step Size
Ke Ma, Jinshan ZENG, Jiechao Xiong, Qianqian Xu, Xiaochun Cao, Wei Liu, Yuan Yao*

Strategic Coalitions with Perfect Recall
Pavel Naumov*, Jia Tao

Strategic Coordination of Human Patrollers and Mobile Sensors with Signaling for Security Games
Haifeng Xu*, Kai Wang, Phebe Vayanos, Milind Tambe

Stream Reasoning in Temporal Datalog
Alessandro Ronca*, Mark Kaminski, Bernardo Cuenca grau, Boris Motik, Ian Horrocks

Streaming Non-monotone Submodular Maximization: Personalized Video Summarization on the Fly
Baharan Mirzasoleiman*, Stefanie Jegelka, Andreas Krause

Structural Deep Embedding for Hyper-Networks
Ke Tu*, Peng Cui, Xiao Wang, fei Wang, Wenwu Zhu

Style Transfer in Text: Exploration and Evaluation
Zhenxin Fu*, Xiaoye Tan, Nanyun Peng, Dongyan Zhao, Rui Yan

Subgraph Pattern Neural Networks for High-Order Graph Evolution Prediction
Changping Meng*, Bruno Ribeiro, Jennifer Neville, Chandra Mouli

Sublinear Search Spaces for Shortest Path Planning in Grid and Road Networks
Johannes Blum, Stefan Funke*, Sabine Storandt

Submodular Function Maximization over Graphs via Zero-suppressed Binary Decision Diagrams
Shinsaku Sakaue*, Masaaki Nishino, Norihito Yasuda

Substructure Assembling Network for Graph Classification
Xiaohan Zhao, Bo Zong*, Ziyu Guan, kai Zhang, Wei Zhao

Sum-Product Autoencoding: Encoding and Decoding Representations using Sum-Product Networks
Antonio Vergari*, Robert Peharz, Nicola Di Mauro, Alejandro Molina, Kristian Kersting, Floariana Esposito

Supervised Deep Hashing for Hierarchical Labeled Data
Dan Wang, Heyan Huang, Chi Lu, Bo-Si Feng, Guihua Wen, Liqiang Nie, Xian-Ling Mao*

Sweep-based Propagation for String Constraint Solving
Roberto Amadini*, Graeme Gange, Peter Stuckey

Syntax-Directed Attention for Neural Machine Translation
Kehai Chen*, Rui WANG, Masao Utiyama, eiichiro sumita, Tiejun Zhao

Synthesis of Orchestrations of Transducers for Manufacturing
Giuseppe De Giacomo, Moshe Vardi, Paolo Felli, Brian Logan*, Natasha Alechina

Synthesis of Programs from Multimodal Datasets
Shantanu Thakoor*, Simoni Shah, Ganesh Ramakrishnan, Amitabha Sanyal

T-C3D: Temporal Convolutional 3D Network for Real-time Action Recognition
LIU KUN, Wu Liu*, Chuang Gan, Mingkui Tan, Huadong Ma

Table-to-text Generation by Structure-aware Seq2seq Learning
Tianyu Liu*, Kexiang Wang, Lei Sha, Zhifang Sui, Baobao Chang

Table-to-Text: Describing Table Region with Natural Language
Junwei Bao*, Duyu Tang, Nan Duan, Zhao Yan, yuanhua Lv, Ming Zhou, Tiejun Zhao

Tap and Shoot Segmentation
Ding-Jie Chen, Jui-Ting Chien, Hwann-Tzong Chen*, Long-Wen Chang

Targeted Aspect-Based Sentiment Analysis via Embedding Commonsense Knowledge into an Attentive LSTM
Yukun MA*, Haiyun Peng, Erik Cambria

Task-Aware Compressed Sensing with Generative Adversarial Networks
Maya Kabkab*, Pouya Samangouei, Rama Chellappa

Task-Specific Representation Learning for Web-scale Entity Disambiguation
RIjula Kar*, Kharagpur, Anirban Dasgupta, Soumen Chakrabarti

tau-FPL: Tolerance-Constrained Learning in Linear Time

Ao Zhang*, Nan Li, Jian Pu, Jun Wang, Junchi Yan, Hongyuan Zha

Teaching a Machine to Read Maps with Deep Reinforcement Learning

Gino Brunner*, Yuyi Wang, Roger Wattenhofer, Oliver Richter

Telepath: Understanding Users from a Human Vision Perspective in Large-Scale Recommender Systems

Yu Wang*, Jixing Xu, Aohan Wu, Mantian Li, Yang He, Jinghe Hu, Weipeng Yan

Temporal-difference Learning with Sampling Baseline for Image Captioning

Hui Chen*, Guiguang Ding, Sicheng Zhao, Jungong Han

Temporal-Enhanced Convolutional Network for Person Re-identification

Yang Wu*, Jie Qiu, Jun Takamatsu, Tsukasa Ogasawara

Tensorized Projection for High-Dimensional Binary Embedding

Weixiang Hong*, Jingjing Meng, Jungong Yuan

The Complexity of Bribery in Network-Based Rating Systems

Umberto Grandi, James Stewart, Paolo Turrini*

The Conference Paper Assignment Problem: Using Order Weighted Averages to Assign Indivisible Goods

Jing Wu Lian, Nicholas Mattei*, Renee Noble, Toby Walsh

The Geometric Block Model

Sainyam Galhotra, Arya Mazumdar*, Soumyabrata Pal, Barna Saha

The Role of Data-driven Priors in Multi-agent Crowd Trajectory Estimation

Gang Qiao, Sejong Yoon, Mubbasir Kapadia, Vladimir Pavlovic*

The Shape of Art History in the Eyes of the Machine

Ahmed Elgammal*, Bingchen Liu, Diana Kim, Mohamed Elhoseiny, Marian Mazzone

The Structural Affinity Method for Solving the Raven's Progressive Matrices Test for Intelligence

Snejana Shegheva*, Ashok Goel

Thinking in PoLAR Pictures: Using Rotation-Friendly Mental Images to Solve Leiter-R Form Completion

Joshua Palmer, Maithilee Kunda*

TIMERS: Error-Bounded SVD Restart on Dynamic Networks

Ziwei Zhang*, Peng Cui, Jian Pei, Xiao Wang, Wenwu Zhu

Tool Auctions

Britta Dorn, Janosch Doecker, Ulle Endriss, Ronald de Haan*, Sebastian Schneckeburger

Top-Down Feedback for Crowd Counting Convolutional Neural Network

Deepak Babu Sam*, Venkatesh Babu R.

Topic Modeling on Health Journals with Regularized Variational Inference

Robert Giaquinto*, Arindam Banerjee

TorusE: Knowledge Graph Embedding on a Lie Group
Takuma Ebisu*, Ryutaro Ichise

totSAT - Totally-Ordered Hierarchical Planning through SAT
Gregor Behnke*, Daniel Höller, Susanne Biundo

Toward Deep Reinforcement Learning without a Simulator: An Autonomous Steering Example
Bar Hilleli*, Ran El-Yaniv

Towards a Formal Definition of Moral Responsibility and Intention
Joseph Halpern*, Max Kleiman-Weiner

Towards a Neural Conversation Model with Diversity Net Using Determinantal Point Processes
Yiping Song*, Rui Yan, Yansong Feng, Yaoyuan Zhang, Zhao DongYan, Ming Zhang

Towards a Unified Framework for Syntactic Inconsistency Measures
Glauber De bona*, John Grant, Sebastien Konieczny, Anthony Hunter

Towards Affordable Semantic Searching: Zero-shot Retrieval via Dominant Attributes
Yang Long*, Li Liu, Yuming Shen, Ling Shao

Towards Automatic Learning of Procedures from Web Instructional Videos
Luowei Zhou*, Chenliang Xu, Jason Corso

Towards Building Large Scale Multimodal Domain-Aware Conversation Systems
Amrita Saha*, Mitesh Khapra, Karthik Sankaranarayanan

Towards efficient detection of overlapping communities in massive networks
Bingjie Sun*, Huawei Shen, Jinhua Gao, Wentao Ouyang, Xueqi Cheng

Towards Generalization in QBF Solving via Machine Learning
Mikoláš Janota*

Towards Imperceptible and Robust Adversarial Example Attacks against Neural Networks
Bo Luo*, Liu Yannan, Lingxiao Wei, Qiang Xu

Towards Perceptual Image Dehazing by Physics-based Disentanglement and Adversarial Training
Xitong Yang*, Zheng Xu, Jiebo Luo

Towards Training Probabilistic Topic Models on Neuromorphic Multi-chip Systems
Zihao Xiao*, Jun Zhu, Jianfei Chen

Towards Ultra-High Performance and Energy Efficiency of Deep Learning Systems: An Algorithm-Hardware Co-Optimization Framework
Yanzhi Wang, Caiwen Ding, Geng Yuan, Siyu Liao, Zhe Li, Xiaolong Ma, Bo Yuan, Xuehai Qian, Jian Tang, Qinru Qiu, Xue Lin*

Trace Ratio Optimization with Feature Correlation Mining for Multiclass Discriminant Analysis

Forough Rezaei Boroujeni*, Sen Wang, Zihui Li, Nicholas West, Bella Stantic, Lina Yao, Guodong Long

Tracking Occluded Objects and Recovering Incomplete Trajectories by Reasoning about Containment Relations and Human Actions
Wei Liang, Yixin Zhu*, Song-Chun Zhu

Traffic Optimization For a Mixture of Self-interested and Compliant Agents
Guni Sharon, Tarun Rambha (Cornell University), Michael Albert, Josiah Hanna (University of Texas at Austin), Stephen Boyles (University of Texas at Austin), Peter Stone (University of Texas at Austin)

Training L_1 -Regularized Models with Orthant-Wise Passive Descent Algorithms
Jianqiao Wangni*

Training and Evaluating Improved Dependency-Based Word Embeddings
Chen Li, Jianxin Li*, Yangqiu Song, Ziwei Lin

Training CNNs with Normalized Kernels
Mete Ozay*, Takayuki Okatani

Training Set Debugging Using Trusted Items
Xuezhou Zhang*, Xiaojin Zhu, Stephen Wright

Transfer Adversarial Hashing for Hamming Space Retrieval
Zhangjie Cao, Mingsheng Long*, Chao Huang, Jianmin Wang

Transferable Contextual Bandit for Cross-Domain Recommendation
Bo Liu*, Ying Wei, Yu Zhang, Zhixian Yan, Qiang Yang

Transferable Semi-supervised Semantic Segmentation
Huaxin Xiao*, Yunchao Wei, Jiashi Feng, YU Liu, Maojun Zhang

Transferring Decomposed Tensors for Scalable Energy Breakdown across Regions
Nipun Batra*, Yiling Jia, Hongning Wang, Kamin Whitehouse

Translating Pro-Drop Languages with Reconstruction Models
Longyue Wang*, Zhaopeng Tu, Shuming Shi, Tong Zhang, Yvette Graham, Qun Liu

Tree-Structured Neural Machine for Linguistics-Aware Sentence Generation
Ganbin Zhou*, Ping Luo, Rongyu Cao, Yijun Xiao, Bo Chen, Fen Lin, Qing He

Truthful and Near-Optimal Mechanisms for Welfare Maximization in Multi-Winner Elections
Umang Bhaskar*, Varsha Dani, Abheek Ghosh

Twitter Summarization based on Social Network and Sparse Reconstruction
Ruifang He*, Xingyi Duan

Two Knowledge-based Methods for High-Performance Sense Distribution Learning
Tommaso Pasini*, Roberto Navigli

Understanding Human Behaviors in Crowds by Imitating the Decision-Making Process
Haosheng Zou, Hang Su, Shihong Song, Jun Zhu*

Understanding Image Impressiveness Inspired by Instantaneous Human Perceptual Cues
Jufeng Yang*, Yan Sun, Jie Liang, Yong-Liang Yang, Ming-Ming Cheng

Understanding Over Participation in Simple Contests
Priel Levy*, David Sarne

Understanding Social Interpersonal Interaction via Synchronization Templates of Facial Events
Rui Li*, Jared Curhan, M.Ehsan Hoque

UnFlow: Unsupervised Learning of Optical Flow with a Bidirectional Census Loss
Simon Meister*, Junhwa Hur, Stefan Roth

Unified Locally Linear Classifiers with Diversity-Promoting Anchor Points
Chenghao Liu*, Teng Zhang, Peilin Zhao, Steven Hoi, Jianling Sun, Zhejiang University

Unified Spectral Clustering with Optimal Graph
Zhao Kang*, Chong Peng, Qiang Cheng, Zenglin Xu

Unity in Diversity: Learning Distributed Heterogeneous Sentence Representation for Extractive Summarization
Abhishek Singh*, Manish Gupta, Vasudeva Varma

Unravelling Robustness of Deep Learning based Face Recognition Against Adversarial Attacks
Gaurav Goswami, Nalini Ratha, Akshay Agrawal, Richa Singh, Mayank Vatsa*

Unsupervised Articulated Skeleton Extraction from Point Set Sequences Captured by a Single Depth Camera
Xuequan Lu*, Honghua Chen, Sai-Kit Yeung, Zhigang Deng, Wenzhi Chen

Unsupervised Deep Learning of Mid-Level Video Representation for Action Recognition
Jingyi Hou*, Xinxiao Wu, Jin Chen, Jiebo Luo, yunde Jia

Unsupervised Domain Adaptation with Distribution Matching Machines
Yue Cao, Mingsheng Long*, Jianmin Wang

Unsupervised Generative Adversarial Cross-modal Hashing
Jian Zhang, Yuxin Peng*, Mingkuan Yuan

Unsupervised Learning of Geometry from Videos with Edge-aware Depth-Normal Consistency
Zhenheng Yang*, Peng Wang, Wei Xu, Liang Zhao, ram Nevatia

Unsupervised Part-based Weighting Aggregation of Deep Convolutional Features for Image Retrieval
Jian Xu*, cunzhao Shi, Qi Chengzuo, chunheng wang

Unsupervised Personalized Feature Selection
Jundong Li*, Liang Wu, Harsh Dani, Huan Liu

Unsupervised Representation Learning with Long-Term Dynamics for Skeleton Based Action Recognition

Nenggan Zheng, Jun Wen, Risheng Liu*, liangqu Long, Jianhua Dai, Zhefeng Gong

Unsupervised Selection of Negative Examples for Grounded Language Learning

Nisha Pillai*, Cynthia Matuszek

Uplink Communication Efficient Differentially Private Sparse Optimization with Feature-wise Distributed Data

Yiu-ming Cheung*, Jian Lou

Urban Dreams of Migrants: A Case Study of Migrant Integration in Shanghai

Yang Yang*, Chenhao Tan, Zongtao Liu, Fei Wu, Yueting Zhuang

User Profiling for Streams of Short Texts

Shangsong Liang*

Using k-way Co-occurrences for Learning Word Embeddings

Danushka Bollegala*, Yuichi Yoshida, Ken-ichi Kawarabayashi

Using Syntax to Ground Referring Expressions in Natural Images

Volkan Cirik*, Taylor Berg-Kirkpatrick, Louis-philippe Morency

Utilitarians Without Utilities: Maximizing Social Welfare for Graph Problems using only Ordinal Preferences

Elliot Anshelevich*, Ben Abramowitz

Variational BOLT Unsupervised learning in binary multi-variate Factorial Hidden Markov Models with application to Energy Disaggregation

Henning Lange*, Mario Berges

Variational Probability Flow for Biologically Plausible Training of Deep Neural Networks

ZUOZHU LIU*, Tony q.s. Quek, Shaowei Lin

Variational Reasoning for Question Answering with Knowledge Graph

Yuyu Zhang*, Hanjun Dai, Zornitsa Kozareva, Alexander Smola, Le Song

Variational Recurrent Neural Machine Translation

Jinsong Su, Shan Wu, Deyi Xiong*, Yaojie Lu, Xianpei Han, Biao Zhang

Verifying Properties of Binarized Deep Neural Networks

Nina Narodytska*, Shiva Kasiviswanathan, Leonid Ryzhyk, Mooly Sagiv, Toby Walsh

Video Generation from Text

Yitong Li*, Martin Renqiang Min, Dinghan Shen, David Carlson, Lawrence Carin

Video Summarization via Semantic Attended Networks

Huawei Wei*, bingbing Ni, yichao yan, Huanyu Yu, Xiaokang Yang

Video-based Person Re-identification via Self Paced Weighting

Wenjun Huang*, Chao Liang, Yi Yu, Zheng Wang, Weijian Ruan, Ruimin Hu

Video-based Sign Language Recognition without Temporal Segmentation

Jie Huang*, wengang zhou, Qilin Zhang, Houqiang Li, weiping li

Visual Explanation by High-Level Abduction: On Answer-Set Programming Driven Reasoning about Moving Objects

Jakob Suchan*, Mehul Bhatt, Przemysław Wałęga, Carl Schultz

Visual Relationship Detection with Deep Structural Ranking

Kongming Liang*, Yuhong Guo, Hong Chang, Xilin Chen

VSE-ens: Visual-Semantic Embeddings with Efficient Negative Sampling

Guibing Guo*, Songin Zhai, fajie yuan, yuan liu, Xingwei Wang

WalkRanker: A Unified Pairwise Ranking Model with Multiple Relations for Item Recommendation

Lu Yu*, Chuxu Zhang, Shichao Pei, Guolei Sun, Xiangliang Zhang

Warmstarting of Model-based Algorithm Configuration

Marius Lindauer*, Frank Hutter

Wasserstein Distance Guided Representation Learning for Domain Adaptation

Jian Shen*, Yanru Qu, Weinan Zhang, Yong Yu

Weakly supervised collective feature learning from curated media

Yusuke Mukuta, Akisato Kimura*, David Adrian, Zoubin Ghahramani

Weakly Supervised Induction of Affective Events by Optimizing Semantic Consistency

Haibo Ding*, Ellen Riloff

Weakly Supervised Salient Object Detection Using Image Labels

Guanbin Li*, Yuan Xie, Liang Lin

Weighted Abstract Dialectical Frameworks

Gerhard Brewka*, Hannes Strass, Johannes Wallner, Stefan Woltran

Weighted Multi-view Spectral Clustering based on Spectral Perturbation

Linlin Zong*, Xianchao Zhang, Xinyue Liu, Hong Yu

Weighted Voting Via No-Regret Learning

Nika Haghtalab, Ritesh Noothigattu, Ariel Procaccia*

When Social Advertising meets Viral Marketing: Sequencing Social Advertisements for Influence Maximization

Shaojie Tang*

When Waiting is not an Option : Learning Options with a Deliberation Cost

Jean Harb, Pierre-luc Bacon*, Martin Klissarov, Doina Precup

When Will You Arrive? Estimating Travel Time Based on Deep Neural Networks

Dong Wang*, Wei Cao, Junbo Zhang

Who Said What: Modeling Individual Labelers Improves Classification

Melody Guan*, Varun Gulshan, Andrew Dai, Geoff Hinton

WiFi-based Human Identification via Convex Tensor Shapelet Learning
Han Zou*, Yuxun Zhou, Jianfei Yang, Weixi Gu, Lihua Xie, Costas Spanos

Word Attention for Sequence to Sequence Text Understanding
Lijun Wu*, Fei Tian, Li Zhao, JianHuang Lai, Tie-Yan Liu

Word Co-occurrence Regularized Non-Negative Matrix Tri-Factorization for Text Data Co-clustering
Aghiles Salah, Melissa Ailem*, Mohamed Nadif

Zero-Resource Neural Machine Translation with Multi-Agent Communication Game
Yun Chen*, Yang Liu, Victor O.K. Li

Zero-Shot Learning via Class-Conditioned Deep Generative Models
Wenlin Wang*, Yunchen Pu, Vinay Verma, Kai Fan, Yizhe Zhang, Changyou Chen, Piyush Rai, Lawrence Carin

Zero-shot Learning with Attribute Selection
Yuchen Guo*, Guiguang Ding, Jungong Han, Sheng Tang