

## Journal Track Schedule

### Thursday, February 9

JT1: Fairness & Privacy  
11:15am-12:30pm

#### Paper Title

2515 Improving Fairness Generalization Through a Sample-Robust Optimization Method  
3395 Certifiably Robust Interpretation via Renyi Differential Privacy  
7266 Learning Tractable Probabilistic Models for Moral Responsibility and Blame

#### Paper Authors

Julien Ferry, Ulrich Aïvodji, Sebastien Gambs, Marie-José Huguet and Mohamed Siala  
Ao Liu, Xiaoyu Chen, Sijia Liu, Lirong Xia and Chuang Gan  
Lewis Hammond and Vaishak Belle

JT2: Explainable and Verifiable AI 2  
:00-3:15pm

#### Paper Title

2143 The quest of parsimonious XAI: A human-agent architecture for explanation formulation  
8450 A counter abstraction technique for verifying properties of probabilistic swarm systems  
9371 Explainable Robotic Plan Execution Monitoring under Partial Observability

#### Paper Authors

Yazan Mualla, Igor Tchappi, Timotheus Kampik, Amro Najjar, Davide Calvaresi, Abdeljalil Abbas-Turki, Stéphane Galland and Christophe Nicolle  
Alessio Lomuscio and Edoardo Pirovano  
Gökay Çoruhlu, Esra Erdem and Volkan Patoglu

### Friday, February 10

JT3: Machine Learning 1  
9:30 – 10:45

#### Paper Title

3134 Learning programs by learning from failures  
  
9339 MurTree: Optimal Decision Trees via Dynamic Programming and Search  
Distilling Ensemble of Explanations for Weakly-Supervised Pre-Training of Image  
2971 Segmentation Models

#### Paper Authors

Andrew Cropper and Rolf Morel  
Emir Demirović, Anna Lukina, Emmanuel Hebrard, Jeffrey Chan, James Bailey, Christopher Leckie, Rao Kotagiri and Peter J. Stuckey  
Xuhong Li, Haoyi Xiong, Yi Liu, Dingfu Zhou, Zeyu Chen, Yaqing Wang and Dejing Dou

JT4: Machine Learning 2  
11:15am-12:30pm

#### Paper Title

6455 Machine truth serum: a surprisingly popular approach to improving ensemble methods  
8269 Bayesian Feature Interaction Selection for Factorization Machines  
9349 Multi-target prediction for dummies using two-branch neural networks

#### Paper Authors

Tianyi Luo and Yang Liu  
Yifan Chen, Yang Wang, Pengjie Ren, Meng Wang and Maarten de Rijke  
Dimitrios Iliadis, Bernard De Baets and Willem Waegeman

JT5: Relational Learning and Reasoning  
2:00pm-3:15pm

#### Paper Title

3363 Lifted model checking for relational MDPs  
9136 Beyond Graph Neural Networks with Lifted Relational Neural Networks

#### Paper Authors

Wen-Chi Yang, Jean-Francois Raskin and Luc De Raedt  
Gustav Sir, Filip Zelezny and Ondřej Kuželka

JT6: Knowledge Representation and Reasoning  
3:45pm-5:00pm

#### Paper Title

5617 An Action Language for Multi-Agent Domains  
Epistemic GDL: A Logic for Representing and Reasoning about Imperfect Information  
2552 Games

#### Paper Authors

Chitta Baral, Gregory Gelfond, Enrico Pontelli and Tran Cao Son  
Gufeijiang, Dongmo Zhang, Laurent Perrussel and Heng Zhang