

# PAIS Conference Program

## ECAI 2010 SCHEDULE - PAIS CONFERENCE

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### TUESDAY 17 AUGUST 2010

18:15-18:30 Opening Session (Room 3.2.14)

18:30-19:30 Invited Speaker: Ian Horrocks, Oxford (Room 3.2.14)

19:30-> Welcome reception (Museu da Cidade)

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### WEDNESDAY 18 AUGUST 2010

9:00--10:00 Invited Speaker: Manuela Veloso, CMU (Room 3.2.14)

10:00-10:30 Coffee break

10:30-12:30 Technical Sessions:

\* SESSION 1F (Room 3.2.16): PAIS SESSION ONE  
Learning-based applications

12:30-14:00 Lunch break

14:00-15:30 Technical Sessions:

\* SESSION 2F (Room 3.2.16): PAIS SESSION TWO  
Biology - and nature - related applications

15:30-16:00 Coffee break

16:00-18:00 Technical Sessions:

\* SESSION 3F (Room 3.2.16): PAIS SESSION THREE  
Adaptive systems

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### THURSDAY 19 AUGUST 2010

9:00-10:00 Invited Speaker: Judea Pearl, UCLA (Room 3.2.14)

10:00-10:30 Coffee break

10:30-12:30 Technical Sessions

12:30-14:00 Lunch break

14:00-15:30 Poster Session

15:30-16:00 Coffee Break

16:00-17:30 Technical Sessions

19:30-> Conference dinner

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### FRIDAY 20 AUGUST 2010

9:00--10:00 Invited Speaker: Christos Papadimitriou, Berkeley (Room 3.2.14)

10:00-10:30 Coffee break

10:30-12:30 Technical sessions

12:30-14:00 Lunch

14:00-15:00 Technical sessions

15:00-> Closing Session (Room 6.1.36 + C6 Atrium)

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SESSION 1F: PAIS SESSION ONE (Room 3.2.16)

Learning-based applications

1: Using Crowdsourcing and Active Learning to Track Sentiment in Online Media

Anthony Brew, Derek Greene, Padraig Cunningham

12: Multiscale Adaptive Agent-Based Management of Storage-Enabled Photovoltaic Facilities

Rongxin Li, Peter Wang

13: Non-Intrusive Detection of Driver visual Distraction using Machine Learning Algorithms

Fabio Tango, Marco Botta, Luca Minin, Roberto Montanari

24: Learning and Meta-Learning for Coordination of Autonomous Unmanned Vehicles

Predrag Tosic, Ricardo Vilalta

9: Classification of Dreams Using Machine Learning

Stan Matwin, Amir Razavi, Joseph De Koninck, Ray Reza Amini,

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SESSION 2F: PAIS SESSION TWO (Room 3.2.16)

Biology - and nature - related applications

27: Identifying Necessary Reactions in Metabolic Pathways by Minimal Model Generation

Takehide Soh, Katsumi Inoue

14: Interval Forecast of Water Quality Parameters

Orlando Ohashi, Luis Torgo, Rita Ribeiro

17: Datamining for Biodiversity Prediction in Forests

Barry O'Sullivan, Steven Keady, Sandra Irwin, John O'Halloran,

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SESSION 3F: PAIS SESSION THREE (Room 3.2.16)

Adaptive systems

11: Using Bayesian Networks in an Industrial Setting: Making Printing Systems Adaptive

Arjen Hommersom, Peter Lucas

15: Context-aware Media Agent for Public Spaces

Ichiro Satoh

10: An Iterative A\* Algorithm for Planning of Airport Ground Movements

Charles LESIRE

18: A Fault-model-based Debugging Aid for Data Warehouse Applications

Peter Struss, Vikas Shivashankar, Mohamed Zahoor

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