Twenty-second International Joint Conference on Artificial Intelligence

Barcelona, Catalonia (Spain)
July 16 – 22, 2011
Official welcome

• Professor Andreu Mas-Colell
• Minister of Economy and Knowledge
Program Chair

Toby Walsh
Keynote talks

Towards a Smarter Web
Wendy Hall
Tu 9am

Designing Online Advertising Markets
Susan Athey
Wed 9am
Invited talks

Rich Probabilistic Models for Image Understanding
Daphne Koller

Sun, Surf & Automation: A Decade of Field Robotics in Australia
Hugh Durrant-Whyte

Adventures in Scheduling: Some trends in OR
Mike Trick

Homo Heuristicus: Why biased minds make better decisions
Gerd Gigerenzer

The Games People Play Revisited
Jonathan Schaeffer

Open Information Extraction at Web Scale
Oren Etzioni
Best Paper track

- Best papers from sister conferences:
  - AAMAS, ACM Recommender, CHI, COLT, CP, ECML PKDD, ECSQARU, ICAPS, ICCBR, ICLP, ISWC, IUI, JELIA, KDD, KR, LPNMR, RSS, RuleML SAT, SoCS, TARK, UAI and UMAP

- JAIR 2010 & 2011 best papers
- ECCAI 2010 thesis award
ECCAI 2010 thesis award

Presented by

Gerhard Brewka

ECCAI President
ECAI 2010 thesis award

Presented to

Cristina Urdiales

University of Malaga

for her thesis

Cognitive assistance for persons with disabilities
Shortlist for the
NICTA Best PC & SPC awards

**PC**
Birte Glimm
Yevgeny Kazakov
Mantas Simkus

**SPC**
David Aha
Richard Booth
Patrik Haslum
IJCAI 2011 Best PC award

Presented to

Mantas Simkus
Vienna University of Technology

for his exceptional contributions to reviewing
IJCAI 2011 Best SPC award

Presented to

David Aha

Naval Research Laboratory

for his exceptional contributions to reviewing
Technical track

• 1325 submissions from 59 countries
  – 227 talks + posters (17%)
  – 173 posters (13%)
  – Total: 400 papers (30%)

  – Proceedings online & CD
  – DOIs registered for each paper for first time
Regional statistics

- N. America
  US, CA, MX
- Asia
  CN, JP, SG, IN, ..
- Europe
- Oceania
  AU, NZ
- S. America
- Rest
  Africa, Middle East
1325 Submissions

- Europe: 47%
- Asia: 24%
- N. America: 20%
- Oceania: 5%
- S. America: 1%
- Rest: 3%
N. America; 29%
Asia; 23%
Europe; 42%
Oceania; 5%
S. America; 1%
Rest; 0%

400 Talks+Posters
N. America; 31%
Asia; 18%
Europe; 44%
Oceania; 6%
S. America; 1%
Rest; 0%

227 Talks
IJCAI 2011 Distinguished Paper

Presented to

Christopher D. Rosin

For his paper

Nested Rollout Policy Adaptation for Monte Carlo Tree Search
Presented to

Roman Kontchakov, Yavor Nenov,
Ian Pratt-Hartmann, Michael Zakharyaschev

For their paper

On the Decidability of Connectedness Constraints in 2D and 3D Euclidean Spaces
Presented to
Nadja Betzler, Rolf Niedermeier and
Gerhard J. Woeginger
For their paper

Unweighted Coalitional Manipulation under the
Borda Rule Is NP-Hard
Special track on:
Integrated & Embedded AI

• Chair: Qiang Yang
  – 98 submissions
  – 13 talks + posters (13%)
  – 15 posters (15%)
  – Total: 28 papers (28%)
Industry Friday

- Eric Horvitz, Microsoft
- Carlos Domingo, Telefonica
- Samy Bengio, Google
- Francoise Soulie, KXEN
- Marc Torrens, Strands
- David Gondek, IBM
- Ricardo Baeza-Yates, Yahoo!

Thanks to Nuria Oliver
Industry Day Chair
Video track

• Chair: Peter Stone
• 19 videos
  – Screened in coffee breaks
  – And in Room 111 from Tu to Thurs
• 4 finalists
  – Screened Tu 11.50 in Best Paper track
  – Vote for Best Video
  – Winner announced on Fri @ Farewell
Ramon Llull session

• Catalan philosopher from 13th Century
  – Invented Borda and Condorcet voting
  – Major influence on Leibniz
• Thurs 4-6pm
  – Two keynotes and panel on Llull
• And a book in your registration bag!

Thanks to Carles Sierra
Other events

• Trading Agent Competition
  – Tu

• General Game Playing Competition
  – Wed & Thurs

• Panel on *Funding opportunities for international research*
  – Wed 6.15pm
  – Representatives of NSF, EC, AFOSR & NICTA
Social events

• Banquet
  – Wed 7.30pm

• Student reception
  – Thurs 7.30-8.30pm

• Farewell event
  – Fri 4.30-5.30pm
  – iPad and other goodies to raffle
Instructions to authors!

• Talks
  – Arrive before the start of your session
  – Introduce yourself to chair
  – Speak for 17 minutes, leave 3 minutes for questions
  – Next speaker starts setting up computer in question time of previous speaker

• Posters
  – Set up before talks or during earlier break
Many thanks
Muchas gracias
Moltes gracies
Advert:
CS221 Intro to AI @ Stanford

Sebastian Thrun
Peter Norvig

Online & free!