



Twenty-second International Joint
Conference on Artificial Intelligence

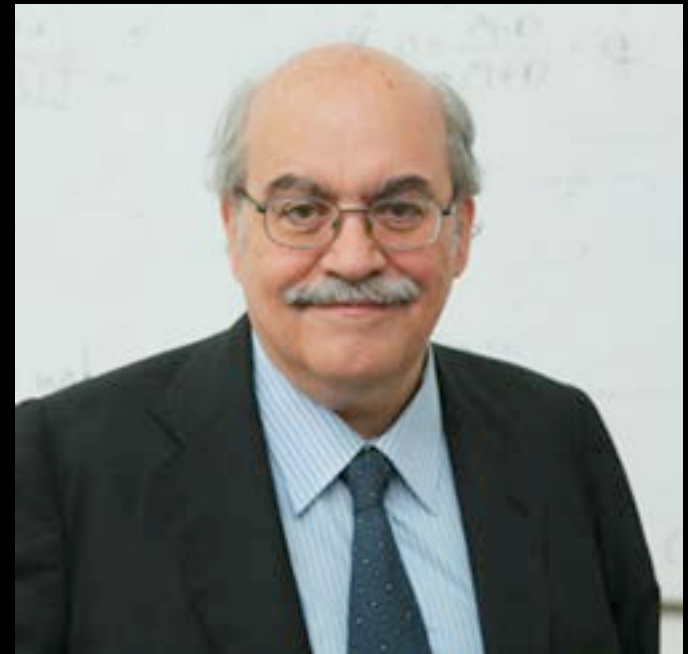
Barcelona, Catalonia (Spain)

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



*Homo Heuristicus:
Why biased minds make
better decisions*

Gerd Gigerenzer



*Adventures in Scheduling:
Some trends in OR*

Mike Trick



*Open Information
Extraction at Web Scale*

Oren Etzioni



*The Games People Play
Revisited*

Jonathan Schaeffer





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

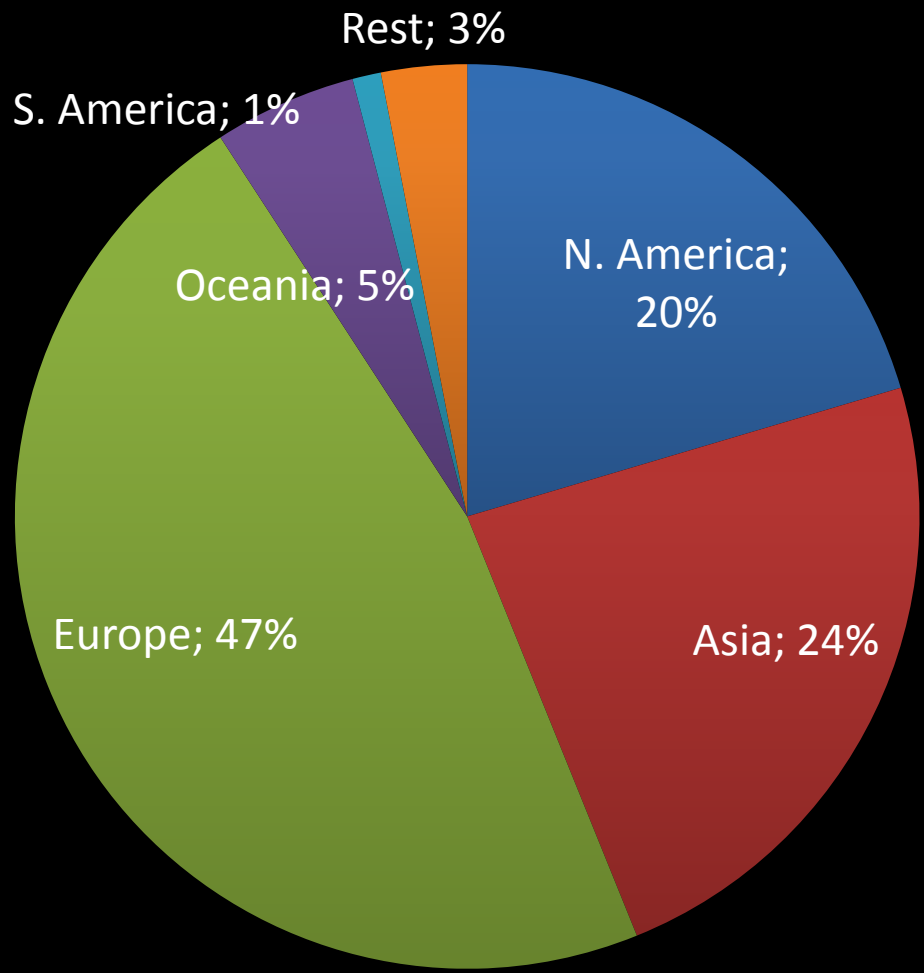


Regional statistics

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

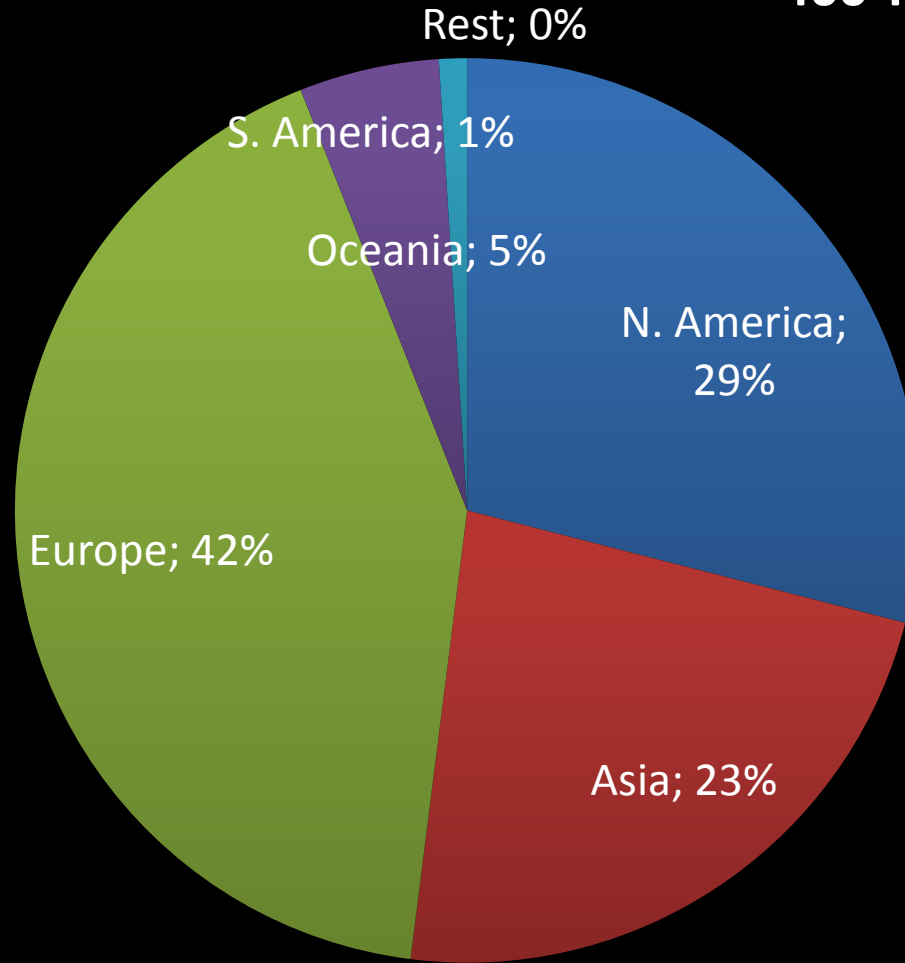
IJCAI-11

1325 Submissions



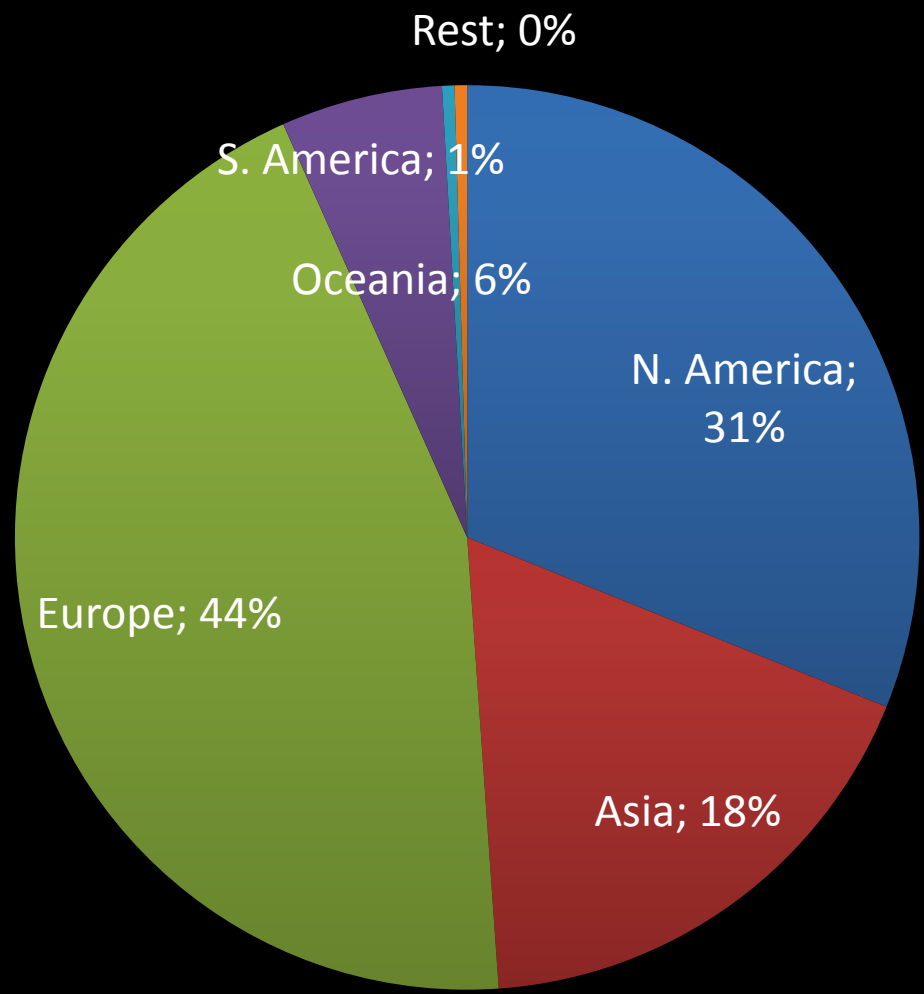
IJCAI 11

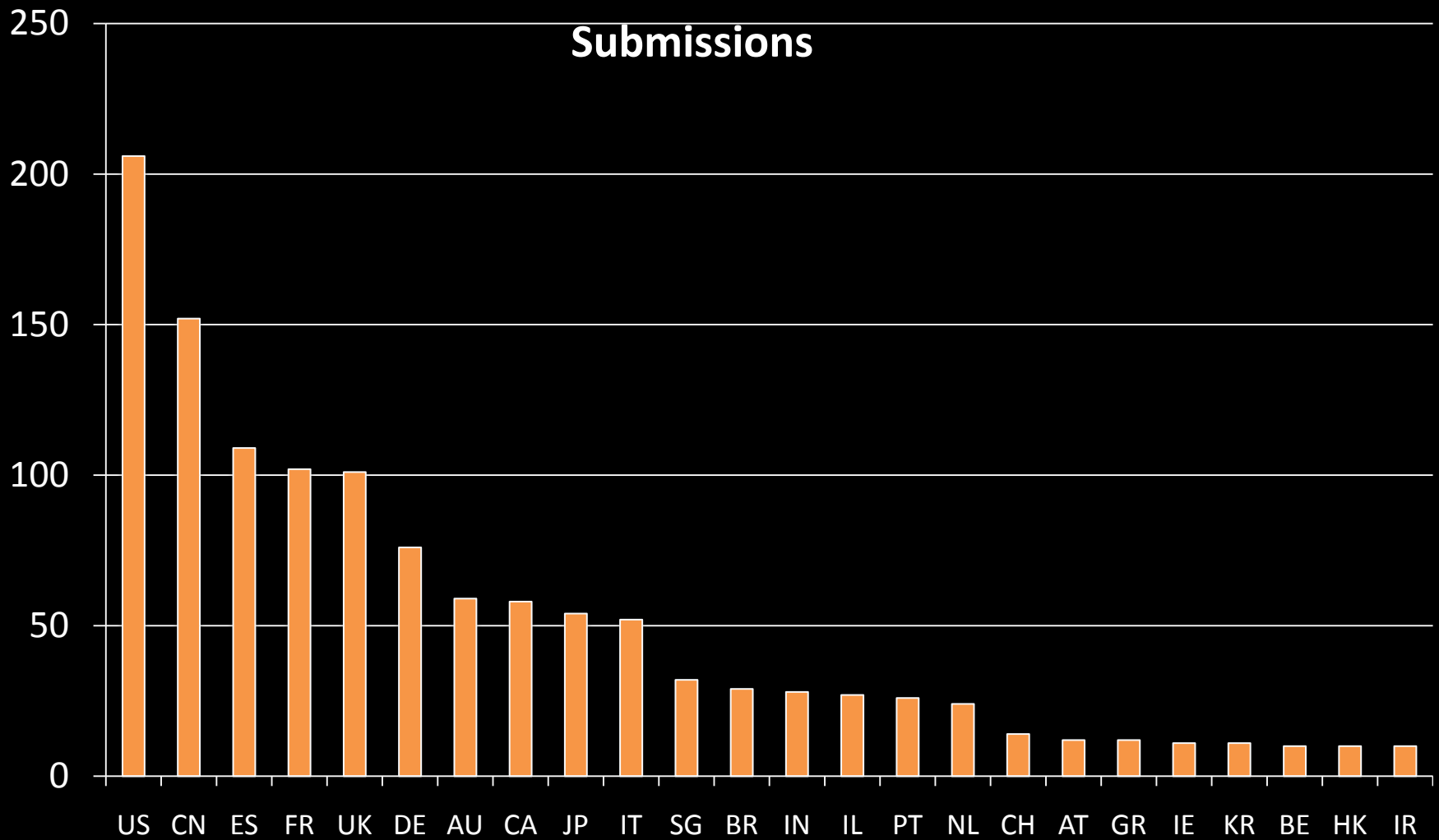
400 Talks+Posters

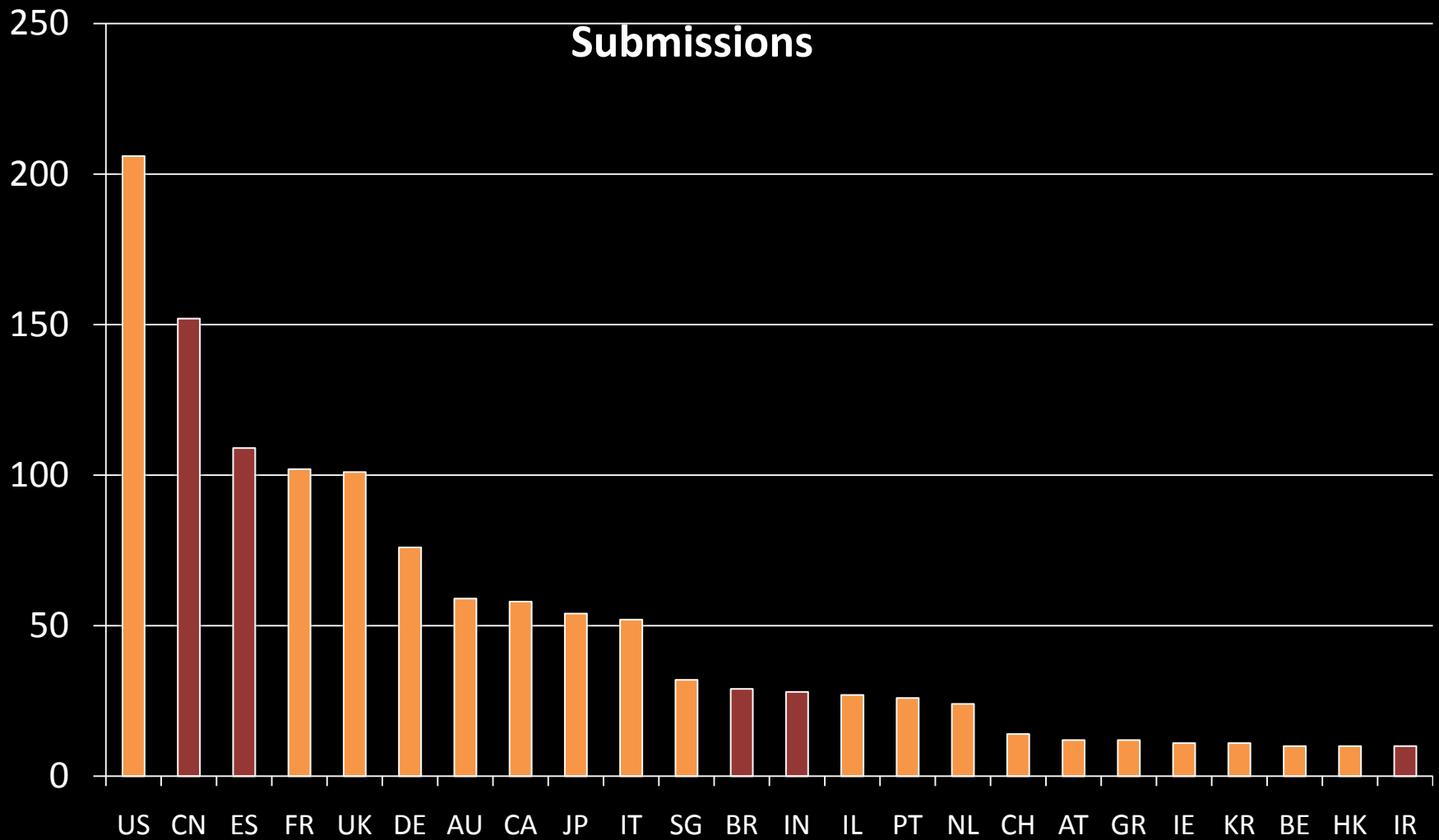


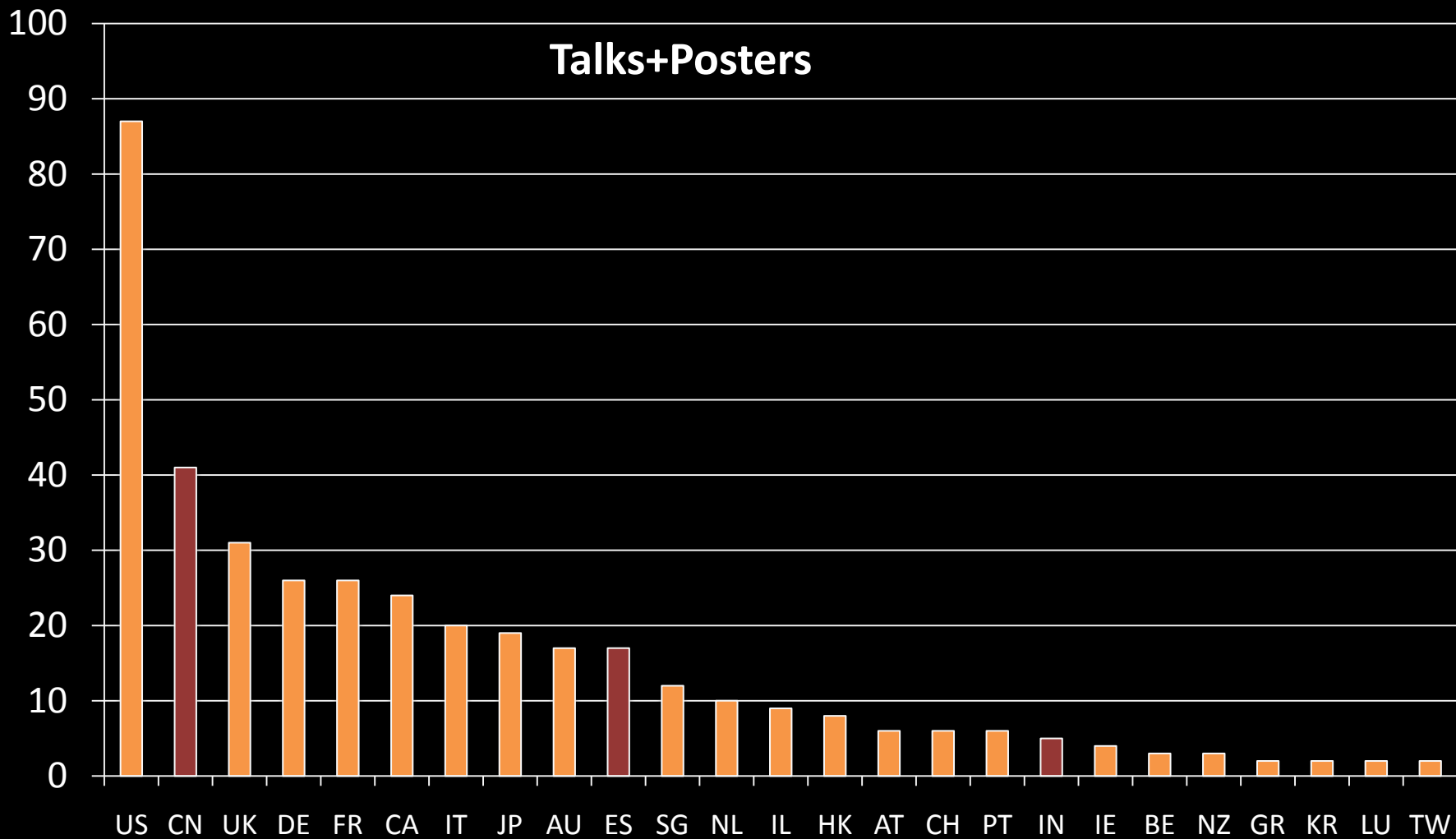
IJCAI 11

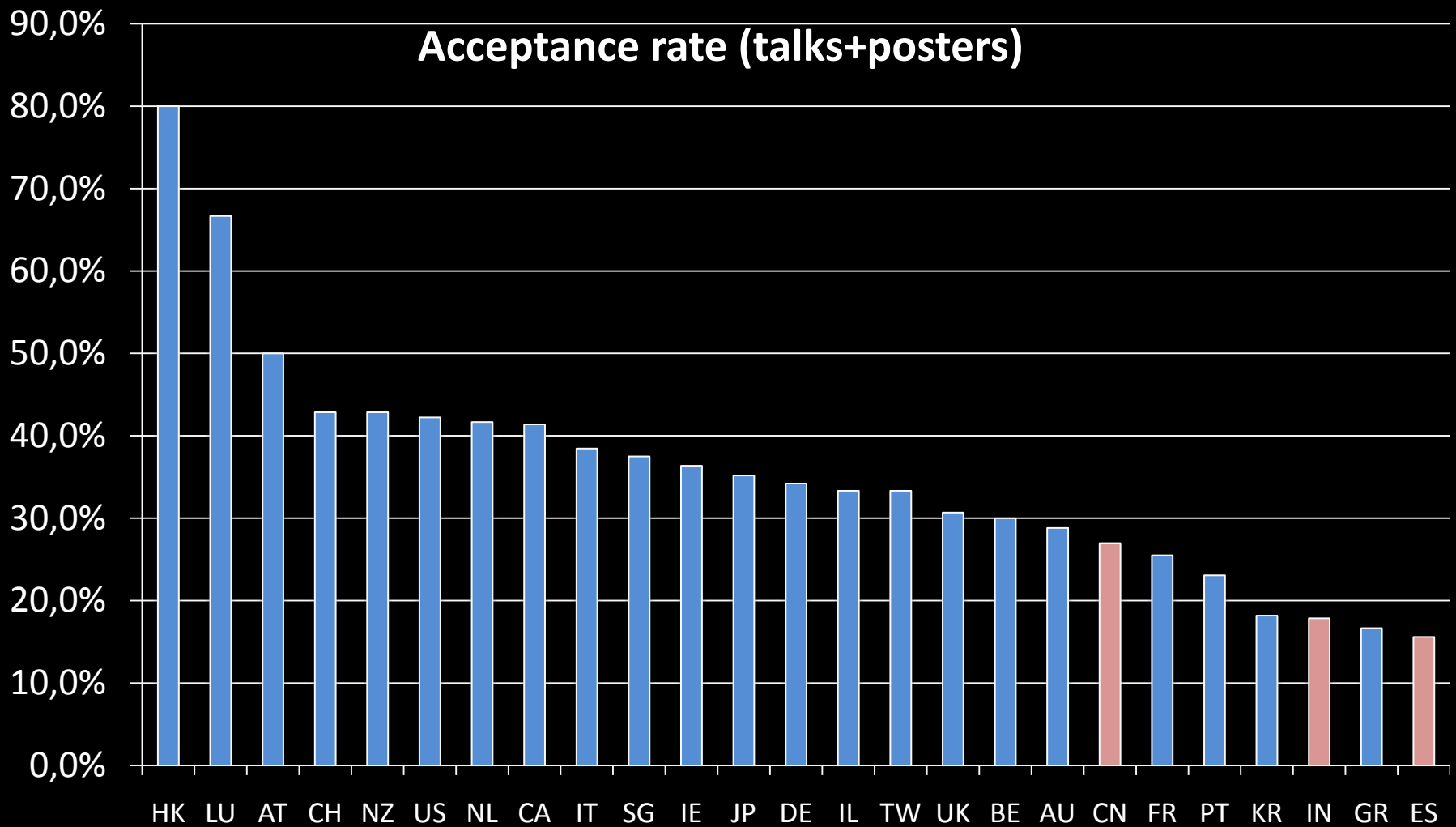
227 Talks

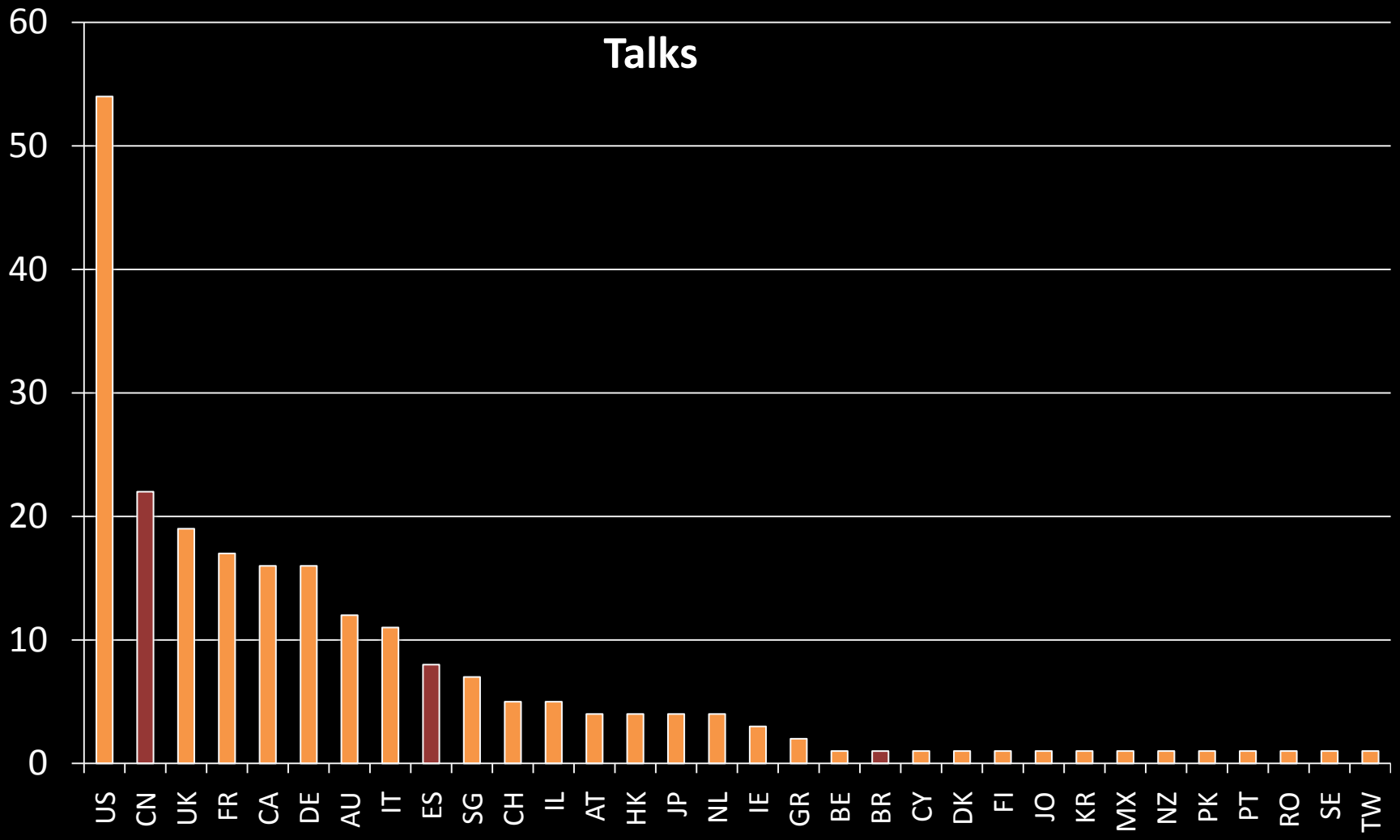


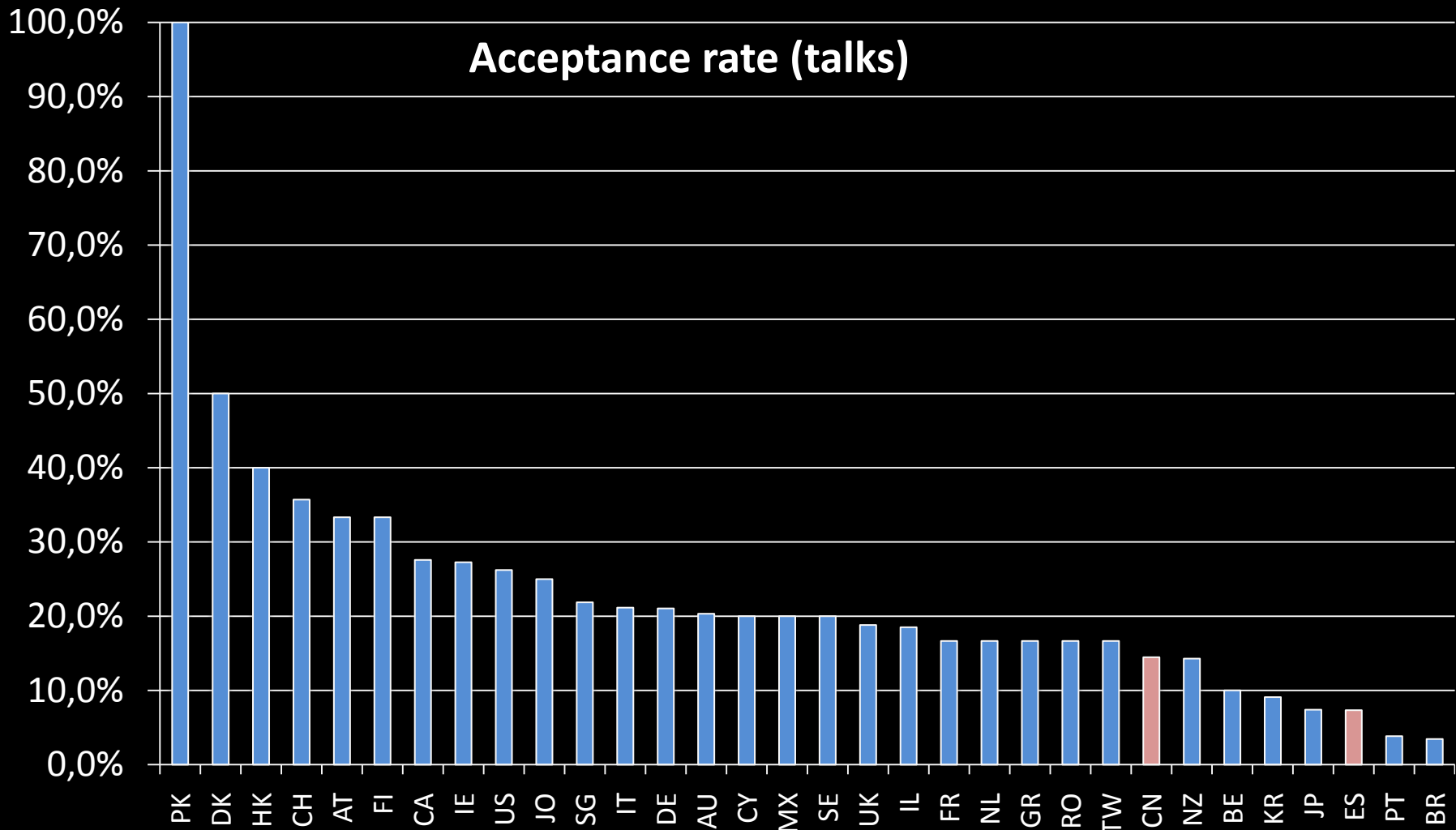














IJCAI 2011 Distinguished Paper

Presented to

Christopher D. Rosin

For his paper

*Nested Rollout Policy Adaptation for Monte Carlo
Tree Search*



IJCAI 2011 Distinguished Paper

Presented to

**Roman Kontchakov, Yavor Nenov,
Ian Pratt-Hartmann, Michael Zakharyashev**

For their paper

*On the Decidability of Connectedness Constraints in
2D and 3D Euclidean Spaces*



IJCAI 2011 Distinguished Paper

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

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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

