ACM SIGecom

• “ecom”: Electronic Commerce
  http://www.acm.org/sigecom

...dedicated to the advancement of electronic commerce, principles and practice. As the leading computing-centric professional organization in the field, SIGecom seeks to promote the informed development of commerce automation technology, employing the best available engineering methods and economic understanding.

• Founded 1999 by Stuart Feldman; Elected officers, 2003
• 400 members
• Main activities: EC Conference & Exchanges Newsletter
• Fund balance: $100K (required: $20K)
ACM Conference on Electronic Commerce, Annual 1999-

Premier forum for CS research on commerce and economics

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<th>Date</th>
<th>City</th>
<th>Co-Loc</th>
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<th>Sub</th>
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<td>Nov 99</td>
<td>Denver</td>
<td>OOPSLA</td>
<td>110</td>
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<td>Jun 10</td>
<td>Boston</td>
<td>WEIS?</td>
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Strengths
- Rigorous technical standards, reputation
- Participation by top CS researchers in Theory, AI; academia & industry
- Advancing young leaders’ careers
- Submissions increasing
- Participation and financial support from Google, HP, Microsoft, Yahoo!,...
- Solid finances
- Bridging disciplines: economics/incentives with computation/technology
- Discipline growing: Significant groups at Cornell, Northwestern, Stanford, Umich; Google, Microsoft, Yahoo!; AGT, AMMA, BAGT, GEB, EI, NYCE, SAGT, WINE, WWW

Areas for improvement
- Below target size/scope
- Declining membership
June, 2008

Introduction
Editor’s Introduction
VINCENT CONITZER

Trading Agents
Book Announcement: Autonomous Bidding Agents
MICHAEL P. WELLMAN, AMY GREENWALD, and PETER STONE

Incentive Compatibility
Truthful Opinions from the Crowds
RADU JURCA and BOI FALTINGS

Implementable Allocation Rules
DOV MONDERER

Characterizing Truthfulness in Discrete Domains
AHUVA MU’ALEM and MICHAEL SCHAPIRA

Towards a Theory of Incentives in Machine Learning

Electronic newsletter
www.sigecom.org/exchanges/
Published 2-3/year since 2000
Original research, conf reports, book reviews, surveys
Rejuvenation under Vince Conitzer 2007+; Publishing timely and topical surveys from area leaders; Editor’s puzzle.
+ Website revamp by Dan Reeves

Past Editors
– 06-07: William Walsh
– 04–06: Amy Greenwald
– 00–03: Peter Wurman
Deficit erased by financially successful conferences ‘05–’08
Ecosystem; Future Directions

• Repeat co-located workshops at EC
  – NetEcon 2006, 2007, 2009 ; ~80 people
  – Ad Auctions 2005, 2006, 2008 ; ~80 people
  – Prediction Markets 2007, 2008 ; ~50 people

• Nurturing, organizing growth in field
  – Conf’ces: AMMA,BAGT,COMSOC,NYCE,SAGT,WINE, WWW
  – Journals, books: AGT, GEB, EI
  – Joan Feigenbaum & David Parkes:
    Step 1: Anti-locate SAGT+COMSOC with EC
  – Field-wide awards?

• Directing, broadening EC Conference
  – Consistent PC structure & guidelines
  – Outstanding paper award
  – How to broaden: Spin off more application-oriented conference?
  – John Reidl and Amin Saberi?
Volunteers

• SIGecom Officers
  – Chair: David Pennock (Yahoo!)
  – Vice: Joan Feigenbaum (Yale)
  – Treas: Amy Greenwald (Brown)

• EC’09, Palo Alto Jul 6-10
  – General: J Chuang (Berkeley)
  – Program: L Fortnow (Northwestern), P Pu (EPFL)
  – Local: A Goel (Stanford), G Aggarwal (Google)

• SIGecom Exchanges
  – Editor: V Conitzer (Duke)

• Some young leaders
  – Vince Conitzer, Jason Hartline, Nicole Immorlica, David Parkes, Tim Roughgarden, Amin Saberi, Rahul Sami

Past Conference Officials:
  – S Feldman (IBM)
  – M Wellman (U Michigan)
  – A Jhingran (IBM)
  – J MacKie-Mason (U Michigan)
  – D Tygar (UC Berkeley)
  – Y Shoham (Stanford)
  – D Menascé (GMU)
  – N Nisan (Hebrew U)
  – J Breese (Microsoft)
  – J Feigenbaum (Yale)
  – M Seltzer (Harvard)
  – J Riedl (U Minnesota)
  – M Kearns (U Penn)
  – M Reiter (CMU)
  – J Chuang (UC Berkeley)
  – D Pennock (Yahoo!)
  – D Parkes (Harvard)
  – P Resnick (U Michigan)
  – L Fortnow (Northwestern)
  – T Sandholm (CMU)