# SDM'08 PC Co-Chair Report

Mohammed J. Zaki, RPI

Ke Wang, Simon Fraser University

# SDM'08 Numbers

- 282 papers submitted
- 140 Program Committee Members
- 207 External Reviewers!
- Top submission categories were
  - Classification and supervised learning – 82 (29%)
  - Clustering/Unsupervised learning – 63 (22%)
  - Frequent Pattern Mining – 31 (11%)
  - Web mining and link analysis – 29 (10%)
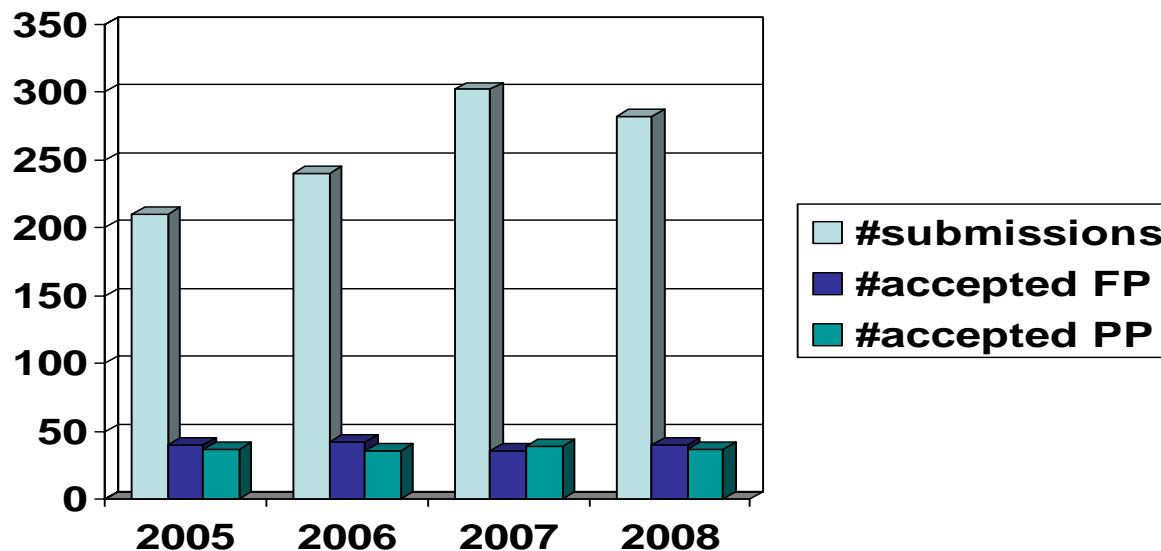- Submission from 25 countries

  Australia, Austria, Belgium, Brazil, Canada, China, Finland, France, Germany, Greece, Hong Kong, India, Iran, Israel, Italy, Japan, Netherlands, New Zealand, Singapore, Spain, Sweden, Switzerland, Taiwan, UK, and USA

# Review Process

- Each paper reviewed by 3 PC members
- Each PC member assigned at most 9 papers
- Area chairs initiated discussion on papers with divergent scores (sometimes, a 4th review was sought)
- Author feedback on selected papers introduced for the first time at SDM.
- Area chairs sent in recommendations for papers
- PC Co-chairs deliberated on orals/posters
- Best of SDM'08 Special Issue in *Statistical Analysis and Data Mining* journal
- SDM'08 best paper awards selected by an Awards Committee

# Acceptance Rates

- 40 papers selected for oral presentations (~14%)
- 37 papers selected for poster presentations (~13%)
- Decided on same page limit for oral/poster presentations in the proceedings (12 pages)
- Number of accepted papers have been almost constant through the years

# Best Paper Awards

- 6 papers nominated by program committee to the best paper awards committee
- Consensus to determine
  - 1 Best paper
  - 1 Best paper runner-up
  - 1 Honorable mention

- BEST PAPER (CP6, 10-10:20):
  - Proximity Tracking on Time-Evolving Bipartite Graphs
    Hanghang Tong, Spiros Papadimitriou, Philip S. Yu and Christos Faloutsos
- BEST PAPER RUNNER-UP (CP8, 11:40-12:00):
  - Simultaneous Unsupervised Learning of Disparate Clusterings
    Prateek Jain, Raghu Meka and Inderjit S. Dhillon
- HONORABLE MENTION (CP7, 10:50-11:10):
  - Robust Clustering in Arbitrarily Oriented Subspaces
    Elke Achtert, Christian Bohm, Jorn David, Peer Kroger and Arthur Zimek

# Thanks

- Best Paper Award Committee:
  - Johannes Gehrke, Cornell University
  - Jiawei Han, University of Illinois, Urbana-Champaign
  - George Karypis, University of Minnesota
  - Vipin Kumar, University of Minnesota
  - David Skillicorn, Queens University, Canada
- Area Chairs:
  - Naoki Abe -- Classification and Supervised Learning
  - Chris Clifton -- Privacy and Social Factors
  - Inderjit S. Dhillon -- Clustering and Unsupervised Learning
  - Wei Fan -- Theory, Statistical Methods and Foundations
  - Lise Getoor -- Link Analysis and Relational Data Mining
  - Bart Goethals -- High Performance Data Mining and Streams
  - Vasant Honavar -- Data Preprocessing/Post-Processing/HCI
  - Eamonn Keogh -- Spatial and Temporal Data Mining
  - Bamshad Mobasher -- Web and Text Mining
  - Zoran Obradovic -- Applications
  - Jian Pei -- Frequent Pattern Mining

# Thanks

- Program Committee – 140 PC Members
- External Reviewers – 207 Reviewers
- Authors – 282 Submissions
- Audience
- Organizing Committee
- SIAM
- Industry sponsors