



Passive and Active Measurement (PAM)

Program Notes

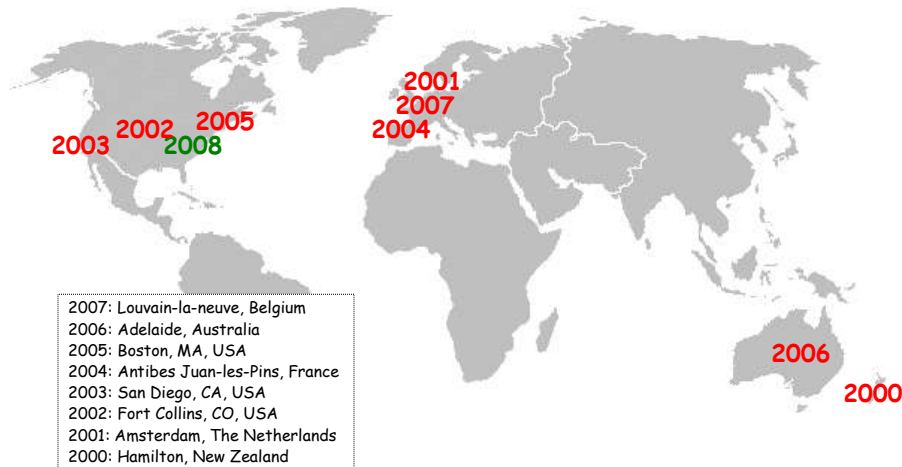
Mark Claypool (Program Chair)
Michael Rabinovich (General Chair)

April 29-30, 2008

Passive and Active Measurement
Conference (PAM)

Cleveland, Ohio, USA
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PAM Around the World



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Thanks to Sponsors



- Travel scholarships for students
 - Over 10
 - Interest in network measurement
 - Seniority, with institutional balance

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Cast of Characters

ORGANIZATION COMMITTEE

Michael Rabinovich	General Chair
Mark Claypool	Program Chair
Steve Uhlig	Publication Chair

STEERING COMMITTEE

- Current and previous two chairs
- Plus the conference founders
- Ian Graham and Nevil Brownlee

Mark Allman	ICSI
Nevil Brownlee	U of Auckland
Mark Claypool	WPI
Ian Graham	Endace
Dina Papagiannaki	Intel
Michael Rabinovich	CASE
Matthew Roughan	U of Adelaide
Steve Uhlig	Delft U of Tech

TECHNICAL PROGRAM COMMITTEE

- General guidelines (not institutionalized)
- No PC member serve 3+ consecutive years (turnover)
- A few from SC (institutional memory)
- Balance on axes: industry-academia, geography,...

Mark Allman	ICSI
Grenville Armitage	Swinburne U of Technology
Sundar Chandra	Notre Dame
Jae Chung	Airvana
Wu-Chang Feng	Portland State University
Wu-Chi Feng	Portland State University
Pål Halvorsen	University of Oslo
Manish Jain	Telchery
Simon Leinen	Switch
Kang Li	University of Georgia
Ibrahim Matta	Boston University
Ketan Mayer-Patel	University of North Carolina
Anees Shaikh	IBM Research
Colleen Shannon	CAIDA
Augustin Soule	Thomson Research
Peter Steenkiste	Carnegie Mellon University
Ooi Wei Tsang	National University of Singapore
Steve Uhlig	Delft U of Technology
Carey Williamson	University of Calgary
Craig Willis	Worcester Polytechnic Institute
Huahui Wu	Google
Michael Zink	University of Massachusetts

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Call for Papers Topics

- Active Network Measurements
- Passive Network Measurements
- Performance Metrics
- Traffic Statistics
- Measurement Visualization
- New Measurement Approaches & Techniques
- Deployment of Measurement Infrastructure
- New Measurement Initiatives
- Applications of Network Measurements
- Network Measurements and Security
- Network Troubleshooting using Measurements
- Reproduce (or Refute) Previous Measurement Results

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Paper Review Process

- Each paper had at least 3 reviews by TPC members
 - Careful about conflicts of interest
 - Discouraged delegation
- Added additional reviews if needed
 - Non-experts, recommended reviewers, conflicting ratings
- Overall, 9-12 reviews by each TPC member
 - Not too much load (could do quality review)
 - Could get sense of quality from local pile to help calibrate
- Papers triaged (obvious rejects, discuss)
 - Few obvious rejects (about 15%)
 - Even those shown to entire TPC for comments
- Remaining papers discussed
 - Build consensus from 3 reviewers
 - Expand discussion to larger groups, as needed

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Paper Acceptance

- All papers "full"
 - No submissions for short or poster
- 79 registered
- 72 submitted (1 withdrawn)
- 23 accepted
- 23/71, a 32% acceptance rate
- Note, similar statistics as for the past two years

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Program at a Glance

Tuesday

8:00 Reg. and Breakfast
8:45 Opening remarks
9:00 **Addressing and Topology**
10:30 Break
11:00 **Applications**
12:30 Lunch
2:00 **Classification & Sampling**
3:30 Break
4:00 **Meas. Sys. & Frmwrks**
6:00 Dinner

Wednesday

8:30 Breakfast
9:00 **Wireless 802.11**
10:30 Break
11:00 **Tools**
12:30 Lunch
2:00 **Charac. and Trends**
3:30 Break
4:00 **Malware and Anomalies**
5:00 Closing remarks

3 Papers per session

→ 22-25 minute talk, 5 minutes for questions

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Award
Best Paper Based on New Dataset

- Research builds on work of others
 - Faster, better with available data
- Available data enables
 - New analyzing and comparing
 - Simulating via traces
 - Building models
 - Reproducing experiments (CFP)
- About 1/3 indicated data set contributions
- Needed good data *and* good paper

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Best Paper Based on New Dataset!

"The Flattening Internet Topology:
Natural Evolution, Unsightly Barnacles
or Contrived Collapse?"

Phillipa Gill	(University of Calgary)
Martin Arlitt	(HP Labs/U of Calgary)
Zongpeng Li	(University of Calgary)
Anirban Mahanti	(Indian Inst of Tech.)

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