CNOM Report @ ICC 2006
by
James W. Hong (CNOM Chair)

Technical Committee on
Network Operations and Management

4:00 – 6:00 PM
Monday, June 12, 2006
Istanbul, Turkey
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• Reports on CNOM Sponsored Conferences
• CNOM Rep Reports
• Awards
• Journals and Magazines
• Future CNOM Sponsored Events
Reports on CNOM Sponsored Conferences

• NOMS 2006 (Apr. 3-7, 2006, Vancouver, Canada)
NOMS 2006 Program Review (1/2)

• **Keynotes** – 6 keynote speakers
  – Tue: Henning Schulzrinne (Columbia) and Chuck Kalmanek (AT&T)
  – Wed: Cliff Meltzer (Cisco) and Craig Farrell (Micromuse/IBM)
  – Thu: Adam Drobot (Telcordia) and Randy Katz (UCBerkeley)

• **Technical Sessions**
  – 186 submissions from 38 countries
  – accepted 53 papers for 14 tech sessions (acceptance rate of 28.5%)
  – 51/53 presented

• **Application Sessions**
  – 5 app sessions, all 20 papers were presented

• **Panel Sessions**
  – 5 panels, each with 4-5 panelists
NOMS 2006 Program Review (2/2)

- **Posters** – 55/61 posters presented with large crowd
  - NOMS 2006: 61
  - IM 2005: 57
  - NOMS 2004: 17
  - IM 2003: 24
  - NOMS 2002: 23
  - Poster session is good for attracting attendees and we should continue to accept large number!

- **DEP** - Alex Gelman (Panasonic), Magda Nassar (AT&T), Amy Pendleton (Nortel), Henry Sinnreich (Pulver.com)

- **Tutorials** – all 8 presented each ranging from 10 to 37 participants

- **Exhibitions** – only Redback participated

- **Workshops** – 136 participants in 5 workshops
NOMS 2006 Tutorials

• Tutorial registrations
  – Tutorial 1  Mark Burgess  22
  – Tutorial 2  Ehab Al-Shaer  10
  – Tutorial 3  Heather Kreger  37
  – Tutorial 4  Cengiz Alaettinoglu  12
  – Tutorial 5  Danny Raz  21
  – Tutorial 6  John Strassner  32
  – Tutorial 7  George Pavlou  18
  – Tutorial 8  Naotaka Morita  15

• We had 12 tutorials at IM 2005 and 8 at NOMS 2006
  ➨ NOMS 2006 attracted more tutorials registrations with fewer tutorials offered (quality & topics important)
NOMS 2006 Workshops

• Workshop registrations
  – E2EMON: 30
  – FeBID: 25
  – VolPMASe: 27
  – BDIM: 15
  – BcN: 33

• For future workshops, it would be nice to have
  – 4 workshops
  – have them selected by the end of August so that the workshop chairs can have enough time to publicize & solicit more paper submissions and more time to review and publish
NOMS 2006 Patrons

Gold Patron

Silver Patrons

Bronze Patron

Workshop Patrons

Other Patrons

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NOMS 2006 Sponsorship Figures

• NOMS 2006 Patrons:
  – Bell Canada: $15K CDN ($13K US)
  – IBM: $10K US
  – Cisco: $10K US
  – HP: $10K US
  – Redback $10K US
  – Canarie: $7.5K CDN ($6.5K US)
  – BCNET $0.5 CDN + Two projectors loan

• Workshop Patrons:
  – KT: $2K US (for BcN Workshop)
  – ETRI: $2K US (for BcN Workshop)
  – HP: $2 K US (for FeBID Workshop)
  – Fujitsu $0.5K US (for BcN Workshop)
NOMS 2006 Attendance Figures

- Total Conference Registration 325
  - Full 226
  - Student 37
  - Tutorials/Workshops only 40
  - Comp (keynotes, DEP, patrons, etc.) 22

- From 31 countries

<table>
<thead>
<tr>
<th>Country</th>
<th>Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA</td>
<td>116</td>
</tr>
<tr>
<td>Canada</td>
<td>44</td>
</tr>
<tr>
<td>Korea</td>
<td>39</td>
</tr>
<tr>
<td>Germany</td>
<td>20</td>
</tr>
<tr>
<td>France</td>
<td>19</td>
</tr>
<tr>
<td>Japan</td>
<td>16</td>
</tr>
<tr>
<td>Brazil</td>
<td>13</td>
</tr>
<tr>
<td>UK</td>
<td>12</td>
</tr>
<tr>
<td>Sweden</td>
<td>10</td>
</tr>
<tr>
<td>Ireland</td>
<td>6</td>
</tr>
<tr>
<td>Australia</td>
<td>5</td>
</tr>
<tr>
<td>Netherlands</td>
<td>5</td>
</tr>
<tr>
<td>Switzerland</td>
<td>5</td>
</tr>
<tr>
<td>Belgium</td>
<td>4</td>
</tr>
<tr>
<td>China</td>
<td>4</td>
</tr>
<tr>
<td>India</td>
<td>4</td>
</tr>
<tr>
<td>Spain</td>
<td>4</td>
</tr>
<tr>
<td>Israel</td>
<td>3</td>
</tr>
<tr>
<td>Italy</td>
<td>3</td>
</tr>
<tr>
<td>Finland</td>
<td>2</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>2</td>
</tr>
<tr>
<td>Norway</td>
<td>2</td>
</tr>
<tr>
<td>Saudi Arabia</td>
<td>2</td>
</tr>
<tr>
<td>Austria, Greece, Hungary, Malaysia, Singapore, South Africa, Turkey, Uruguay</td>
<td>1 each</td>
</tr>
</tbody>
</table>

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## NOMS 2006 Finance

<table>
<thead>
<tr>
<th>Revenues: ($US)</th>
<th>Target</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td>159,950</td>
<td>176,350</td>
</tr>
<tr>
<td>Workshop</td>
<td>29,250</td>
<td>27,450</td>
</tr>
<tr>
<td>Tutorials</td>
<td>17,300</td>
<td>21,225</td>
</tr>
<tr>
<td>Publication Sales</td>
<td>2,400</td>
<td>320</td>
</tr>
<tr>
<td>Patronage</td>
<td>57,500</td>
<td>66,000</td>
</tr>
<tr>
<td>Food &amp; Beverage</td>
<td>700</td>
<td>910</td>
</tr>
<tr>
<td>Other (Interest)</td>
<td>3,996</td>
<td>4,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>271,096</strong></td>
<td><strong>296,255</strong></td>
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</tbody>
</table>

Our surplus was over 30% (over $120K)!
Positive Aspects of NOMS 2006

- Strong effort and contribution by OC members
- Higher attendance than previous year
  - 5 workshops (3 more) with better overall attendance
  - 8 tutorials with better attendance
  - very strong participation from the Asia-Pacific countries
- The Venue – Vancouver Convention & Exhibition Center
- Hotels – discounted rates from $80 to $199 CDN
- Social Events (Welcome Reception, Banquet)
Suggestions for Future NOMS & IM

• Be Flexible!
• No hotel room guarantees
• No Food & Beverage guarantees
• Local General Co-Chair
• Strong local support team (e.g., local OC co-chairs)
• Get “Real” PCO if you can
• Local Advisory Committee who can influence sending many participants from local companies
Awards

• The IM/NOMS Steering Committee (NISC) coordinates the nomination and decision processes for the two prestigious awards presented at IM and NOMS to select individuals for their outstanding contributions to the network, system and service management community.

• The two awards are:
  – The DAN STOKESBERRY AWARD
  – The SALAH AIDAROUS AWARD
The DAN STOKESBERRY AWARD

• presented in memory of IM'97 Chair Dan Stokesberry at each International Symposium on Integrated Network Management (IM) to an individual who has made a particularly distinguished technical contribution to the growth of the field.

• The recipients of the Dan Stokesberry award are:
  – 1997: Robbie Cohen
  – 1999: Morris Sloman
  – 2001: Heinz-Gerd Hegering
  – 2003: Aurel Lazar
  – 2005: John Strassner
The SALAH AIDAROUS AWARD

- presented in memory of NOMS'04 Chair Salah Aidarous at each International Network Operations and Management Symposium (NOMS) to an individual who has provided unremitting service and dedication to the IT and Telecommunications Network Operations and Management community.
- The recipients of the Salah Aidarous Award are:
  - 2004: Roberto Saracco
  - 2006: Douglas N. Zuckerman
CNOM Reps to ICC/Globecom

- ICC 2006: Rolf Stadler, KTH
- Globecom 2006: Aiko Pras, Univ. of Twente
- ICC 2007: Dr. Ram Gopal Gupta <rgupta@mit.gov.in>
- Globecom 2007: Dr. Jose Neuman de Souza <neuman@ufc.br>
Journals and Magazines

• **eTNSM (www.etnsm.org)**

• **IEEE Communication Magazine Series on Network and Service Management**
  – Series Editors
    • George Pavlou, U. of Surrey, UK
      E-mail: g.pavlou@eim.surrey.ac.uk
    • Aiko Pras, U. of Twente, Netherlands
      E-mail: a.pras@utwente.nl
  – Published the first issue on Oct. 2005
  – Plan to publish two issues a year from 2006

• **JSAC**
• **eTNSM**

  - eTransactions on Network and Service Management (eTNSM, [www.etnsm.org](http://www.etnsm.org))
  - Raouf Boutaba, Acting EiC
  - 2 issues (5 papers each) were successfully published in Apr. & Dec. 2004
  - 3rd issue (5 papers) was published in Nov. 2005
  - 4th Issue is in progress
    - 17 papers were submitted & being reviewed
  - eTNSM is accepting submissions on an on-going basis
ComMag Network and Service Mgt Series

• Feature Editors
  – George Pavlou, U. of Surrey, UK,
    • E-mail: g.pavlou@eim.surrey.ac.uk
  – Aiko Pras, U. of Twente,
    • E-mail: a.pras@utwente.nl

• Issues
  – 1\textsuperscript{st} issue Oct 2005 ComMag
    • 21 submissions, 4 papers published
  – 2\textsuperscript{nd} issue Mar 2006 ComMag
    • 23 submissions, 5 papers published
  – 3\textsuperscript{rd} issue Oct 2006 ComMag
    • 18 submissions, under review
JSAC

• RECENT ADVANCES IN MANAGING ENTERPRISE NETWORK SERVICES,

• AUTONOMIC COMMUNICATION SYSTEMS,
Future CNOM Sponsored Events

- **APNOMS 2006**

- **MMNS/DSOM/IPOM/AGNM/SSS 2006 (MANWEEK 2006)**

- **IM 2007**

- **APNOMS 2007**
  - Sapporo Convention Center, Sapporo, Japan (Oct. 9-11, 2007)

- **NOMS 2008**
  - Salvador, Brazil, April 7-11, 2008
# Selected Comsoc Major Conferences

<table>
<thead>
<tr>
<th>Date</th>
<th>NOMS/IM</th>
<th>ICC</th>
<th>Globecom</th>
<th>WCNC</th>
<th>Infocom</th>
<th>OFC/NFOEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>Vancouver, Canada (3-7 April)</td>
<td>Istanbul, Turkey (10 – 16 June)</td>
<td>San Francisco, CA, USA (27 Nov. – 1 Dec.)</td>
<td>Las Vegas, USA (3-6 Apr)</td>
<td>Barcelona, Spain (23 – 27 April)</td>
<td>Anaheim, CA, USA (5-10 Mar)</td>
</tr>
<tr>
<td>2007</td>
<td>Munich, Germany (21-25 May)</td>
<td>Glasgow, Scotland (24-28 June)</td>
<td>Washington DC, USA (26-30 Nov.)</td>
<td>Hong Kong (11-15 Mar)</td>
<td>Anchorage, Alaska, USA (6-12 May)</td>
<td>Anaheim, CA, USA (5-10 Mar)</td>
</tr>
<tr>
<td>2008</td>
<td>Salvador, Brazil (7-11 April)</td>
<td>Beijing, China (19-23 May)</td>
<td>New Orleans, LA, USA (1-4 Dec.)</td>
<td>Las Vegas, USA (30 Mar-Apr)</td>
<td>Phoenix, AZ, USA (13-19 Apr)</td>
<td>TDB</td>
</tr>
<tr>
<td>2009</td>
<td>TDB</td>
<td>Dresden, Germany (14 -18 June)</td>
<td>Honolulu, USA (30 Nov- 4 Dec)</td>
<td>TDB</td>
<td>Miami, FL, USA (13 – 17 March)</td>
<td>TDB</td>
</tr>
</tbody>
</table>
Thank you for attending

Questions?