Joint IFIP WG6.6 & IEEE CNOM meeting

Aiko Pras & Olivier Festor (IFIP WG6.6 Chair)
Marcus Brunner (IEEE CNOM Chair)

October 26th, 2010
Niagara Falls, Ontario Canada
IFIP/CNOM officers

• IFIP WG 6.6 Chair
  – Chair: Aiko Pras, University of Twente
  – Vice chair: Olivier Festor, INRIA, France

• CNOM officers
  – Chair: Marcus Brunner, NEC, Germany
  – Vice Chair: George Pavlou, UCL, UK
  – Technical Program Chair: Lisandro Granville, UFRGS, Brazil
  – Secretary: Brendan Jennings, Waterford Institute of Technology, Ireland
What are we doing?

- Organize the Network and Service management community
- Close collaboration between IEEE CNOM & IFIP WG6.6

- Promote our area
- Educate PhD students
- Sponsor and award PhD students
- Structure our research area (taxonomy, reviews)
- Fight stronger against self-plagiarism and no-shows
- Improve indexing (DBLP, SCI, …)
- Promote publications in journals
- Update statistics for our conferences
- Sponsor conferences
- Work on performance data / ranking of our conferences
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Promotion of the N&S management area

- **Websites:**
  - [http://cnom.tssg.org/](http://cnom.tssg.org/)
    New page design, thanks to Brendan Jennings
    Comments are welcome
  - [http://www.simpleweb.org/ifip/](http://www.simpleweb.org/ifip/)
    Note: Simpleweb website has completely been reorganized

- **Mailing lists:**
  - ifip_nm@lists.utwente.nl
  - cnom@inf.ufsc.br

- **RSS feeds:**
  - [http://www.simpleweb.org/cfp.rss](http://www.simpleweb.org/cfp.rss)
  - [http://www.simpleweb.org/conferences.rss](http://www.simpleweb.org/conferences.rss)
  - [http://www.simpleweb.org/podcasts/simpleweb.rss](http://www.simpleweb.org/podcasts/simpleweb.rss)
CNOM Reps to ICC/Globecom

• ICC 2011 – Prof. Lisandro Granville, UFRGS, Brazil, granville@inf.ufrgs.br

• Globecom 2011 – Marcus Brunner, NEC Europe, Germany, brunner@nw.neclab.eu

• ICC 2012 – Brendan Jennings, TSSG, Ireland, bjennings@tssg.org

• Globecom 2012 – Prof. Lisandro Granville, UFRGS, Brazil, granville@inf.ufrgs.br

• ICC 2013 – open
IEEE ComSoc TC Recertification

• IEEE ComSoc RE-Certification of Technical Committees happens every 3 years
• Re-certification approved at IEEE ComSoc Board of Governors (BoG) meeting at ICC (May 2010)
Statistics on Network, systems, and Services Management Community

• Thanks to Yixin Diao and the JEMS maintainers
• Querying JEMS for the past 5 years:
  – 24 workshops in MANWEEK
  – 40 conferences/workshops in IM/NOMS
• Authors
  – 710 overlap between IM/NOMS and MANWEEK authors
  – IM/NOMS: 915 authors appear more than once
  – Within IM/NOMS/MANWEEK: 1315 authors appear more than once
• TPC members
  – 760 people who have serviced at least once in IM/NOMS/MANWEEK
• Summary
  – Community is composed of about 700-900 regulars and 4000 one-time visitors
  – According to expert in social networking a community with more than 10% core members (in our case 15-20%) is believed to be very healthy
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Structuring the N&S management research area

• Created a N&S management taxonomy
  – http://www.simpleweb.org/ifip/taxonomy.html

• Has been implemented within the JEMS system and used for manweek’09, NOMS’10, ...

• Purpose:
  – For authors: fixed keywords to chose from
  – For reviewers:
    Fixed keywords to indicate area of expertise / interest
    No need to continuously enter expertise again
  – For organizers: match papers and reviewers
  – *Improve Quality of Reviews*
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Publications in journals

• IEEE Transactions on Network and Service Management (TNSM)
• IEEE Communication Magazine
  Series on Network and Service Management
• Journal of Network and Systems Management (JNSM)
• International Journal of Network Management (IJNM)
IEEE Trans. on Network and Service Management (TNSM)

• Editor-in-Chief: Raouf Boutaba
• Associate Editor-in-Chief: Morris Sloman (will take over EiC from Jan 2011)
• http://www.comsoc.org/tnsm/
• Currently, TNSM is being reviewed by Thomson for inclusion
• TNSM is already indexed by Elsevier. The indexing began with volume 7 (1).
• TNSM will also be included in EBSCO and ProQuest databases
• Raouf is currently generating the TOCs in the format requested by the DBLP.
ComMag Network and Service Mgt Series

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

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<thead>
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<th>Submitted</th>
<th>Accepted</th>
<th>Acc. ratio</th>
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* November 2009 issue merged with July 2010
Journal of Network and Systems Management

- EiC: Deep Medhi (new)
- Thanks to Manu Malek (former EiC) for serving
- Published by Springer
International Journal of Network Management

- EiC: Ken Christensen, Ass. Ed: James Hong, Aiko Pras
- Published by Wiley
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• Previous events:

  – CNSM 2010 (former Manweek - IEEE/IFIP)
    October 25-29, Niagara Falls, Canada

  – AIMS 2010 (IFIP)
    June 21-25, 2010, Zurich Switzerland

  – NOMS 2010 (IEEE/IFIP)
    April 19-23, 2010, Zurich, Switzerland

  – TMA 2010 (IFIP)
    April 7, 2010, Zurich, Switzerland

  – IM 2009 (IFIP/IEEE)
    June 1-5, 2009, Long Island, New York, USA

  – AIMS 2009 (IFIP)
    June 30 - July 2, 2009, Enschede, The Netherlands

  – EUNICE 2009 (IFIP)
    September 7-9, 2009, Barcelona, Spain

  – LANOMS 2009 (IEEE/IFIP)
    October 19-21, Punta del Este, Uruguay

  – APNOMS 2009 (IEEE/IFIP)
    September 23-25, 2009, Peonex Island, Jeju, Korea

  – Manweek 2009 (IEEE/IFIP)
    October 26-30, Venice, Italy
<table>
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<tr>
<th>Conference</th>
<th>Submitted</th>
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<td>27</td>
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<td>34</td>
<td>14</td>
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<td>70</td>
<td>LNCS</td>
<td>Focussed topic: Measurements</td>
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<tr>
<td>NOMS 2010</td>
<td>201</td>
<td>54</td>
<td>26</td>
<td>369</td>
<td>Xplore</td>
<td>A</td>
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<td>28</td>
<td>12</td>
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<td>45</td>
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<tr>
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<td>&gt; 60</td>
<td>23</td>
<td>32</td>
<td>≈ 50</td>
<td>LNCS</td>
<td>European Junior researchers</td>
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<td>- IPOM 35</td>
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CNSM 2010

• 176 submissions
  – 27 papers accepted as full paper (15%)
  – 16 paper accepted for mini-conference (8%)
  – 49 paper accepted as poster paper (33%)

• Nice Venue
• So far very smooth organization

• Comments?
Future Conferences

• Future events:
  – IM 2011 (IFIP/IEEE)
    May 23-27, Dublin, Ireland
  – AIMS 2011 (IFIP)
    June 13-17, Nancy, France
  – APNOMS 2011 (IEEE/IFIP)
    September 21-23, 2011, Taipei, Taiwan
  – CNSM 2011 (IEEE/IFIP)
    October 24-28, Paris, France
  – LANOMS 2011 (IEEE/IFIP)
    October 2011, Quito, Ecuador
  – NOMS 2012 (IEEE/IFIP)
    April 16-20, Maui, Hawaii, USA
AIMS 2011

5th International Conference on Autonomous Infrastructure, Management and Security
(2 days Single track + 2 days courses & labs)
• June 13-17, 2011, Nancy, France
• hosted by INRIA & ESIAL
• General Chair: Olivier Festor
• Technical Program Co-chairs: Isabelle Chrisment, Alva Couch

http://www.aims-conference.org/
International Conference on Network and Service Management (CNSM’2011)

• Single Track conference with workshops co-located
• Strong selection ([10-20] %)
• October 25-29, 2010, Paris, France
• http://www.cnsm2011.org/

• General Co-Chairs
  – Prosper Chemoil, Orange
  – Ahmed Mehaoua, Paris V Descartes U.

• TPC Co-Chairs
  – Olivier Festor, INRIA
  – Emil Lupu Imperial College London
APNOMS2011 at Taipei, Taiwan

- September 21-23, 2011
2012 IEEE/IFIP
Network Operations and Management Symposium

NOMS 2012
Hawaii
Managing the Next Wave of Information and Communications Technology
Westin Maui Resort & Spa - Kaanapali
16-20 April 2012
Traditional East-West Meeting Place

• Convenient central location
• Numerous daily flights at Honolulu International Airport
• Centralized conference hotel & meeting space
• Wide range of hotel rooms within proximity of conference hotel
• Ideal climate with beautiful beaches & limitless activities
Hawaii: LOCATION & ACCESSIBILITY

<table>
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<th>Typical Flight Durations (including connecting time)</th>
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<tr>
<td>Los Angeles &amp; San Francisco</td>
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<td>Vancouver</td>
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<td>Tokyo &amp; Mexico City</td>
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<td>Chicago</td>
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<td>Hong Kong</td>
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<td>Europe</td>
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- Within a 10-hour flight of 75% of ComSoc’s members
- Air fares and other expenses comparable to other NOMS/IM venues
SGCC (Smart Grid Communications Committee) invites us (CNOM) to organize a symposium (on management and monitoring related topics) within SmartGridComm2011.

Volunteers?
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Conference ranking

• Analysis of ranking methods, approaches, sites
  – http://www.simpleweb.org/wiki/Conference_Ranking

• Future efforts
  – Build a set of transparent metrics with the community
  – Build and publish our own ranking of conferences in Network and Service Management
Open Discussion

• How to increase the number of submissions and participation to our events?

• Background material
  – IM’2011 drop in # paper submissions

• Previous event submissions
  – IM 2005 - 236 papers
  – NOMS 2006 - 236 papers
  – IM 2007 - 225 papers
  – NOMS 2008 - 337 papers
  – IM 2009 - 188 papers
  – NOMS 2010 - 228 papers
  – IM 2011 - 141 papers
Open Discussion

– Multiple arguments
  • International ranking / prestige perception / organizational pressure / community size
  • Explosion of conferences which publish network management related papers (including top ranked networking conferences)
  • Decrease in historical IM/NOMS community size?
    – Core community is 700-900 people (see previous slides)
  • Advertisement