



Joint IFIP WG6.6 & IEEE CNOM meeting

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

October 26nd, 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/>

*New page design, thanks to Brendan Jennings
Comments are welcome*

- <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/conferences.rss>
 - <http://www.simpleweb.org/podcasts/simpleweb.rss>
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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
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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

Issue	Published	Submitted	Accepted	Acc. ratio
1	October 2005	21	4	19
2	March 2006	23	5	22
3	October 2006	17	4	24
4	April 2007	23	4	17
5	October 2007	14	4	29
6	April 2008	32	5	16
7	October 2008	23	4	17
8	July 2009	29	4	14
9	November 2009*	21	1	5
10	July 2010	21	3	14
11	November 2010			

* 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
- <http://www3.interscience.wiley.com/journal/5703/home?CRETRY=1&SRETRY=0>



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Sponsor conferences

- 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

	Submitted	Accepted	%	Attendees	Proceedings	Category
AIMS 2010	27	9	33	41	LCNS	European
CNSM 2010	176	27	15	180	Xplore	A
TMA 2010	34	14	41	70	LNCS	Focussed topic: Measurements
NOMS 2010	201	54	26	369	Xplore	A
AIMS 2009	28	12	42	45	LNCS	European
EUNICE 2009	> 60	23	32	≈ 50	LNCS	European Junior researchers
LANOMS 2009	30	12	40	75	Xplore	Latin-American
APNOMS	173	41	24	218	LNCS	Asia-Pacific
Manweek 2009 - DSOM - MMNS - IPOM	50 37 35	14 13 12	28 35 34	123	LNCS	A

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



APNOMS 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

Westin Maui

Kaanapali Beach



12/6/10

www.westinmaui.com

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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



12/6/10



27

Hawaii: LOCATION & ACCESSIBILITY

Typical Flight Durations (including connecting time)	
Los Angeles & San Francisco	5 hours
Vancouver	6 hours
Tokyo & Mexico City	8 hours
Chicago	9 hours
New York & Miami	10 hours
Hong Kong	11 hours
Europe	20 hours

- **Within a 10-hour flight of 75% of ComSoc's members**
- **Air fares and other expenses comparable to other NOMS/IM venues**

SmartGridCom 2011

- 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
 - http://www.simpleweb.org/wiki/Conference_Ranking_Network_Management
 - 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