



Joint IFIP WG6.6 & IEEE CNOM meeting

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

April 20nd, 2010
Osaka, Japan

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>

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
- Filled questionnaire by November 22, 2009 (DONE)
- No results received yet

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**
- <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

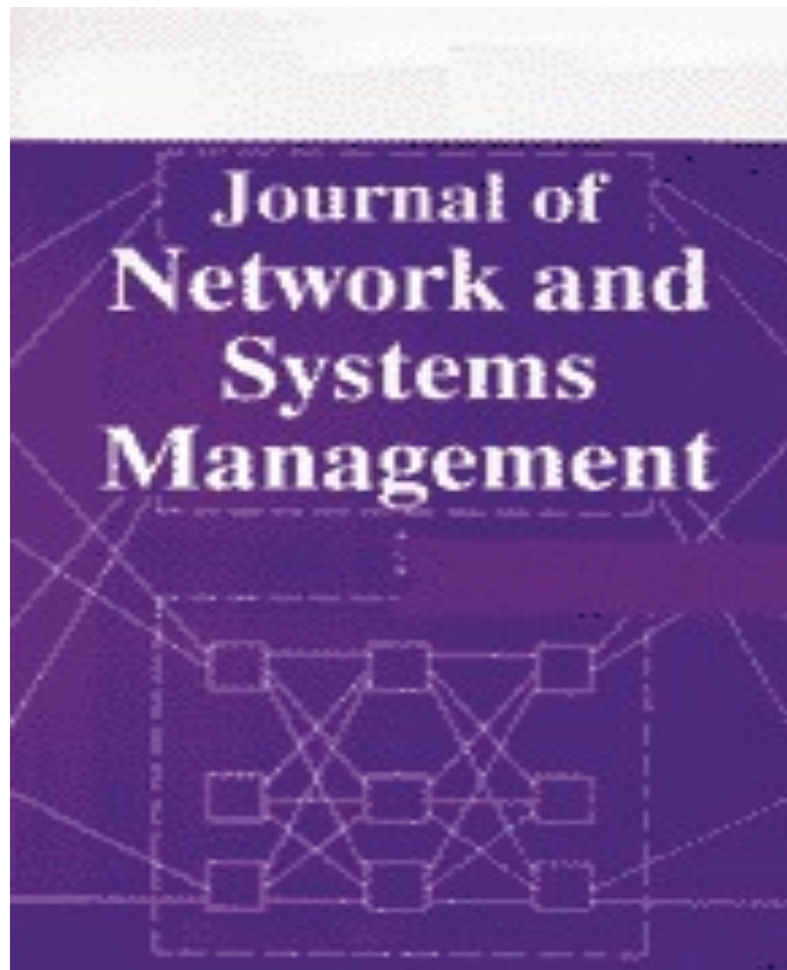
Issue	Published	Submitted	Accepted	Acc. ratio
1	October 2005	21	4	19
2	March 2006	23	5	22
3	October 2006	17	4	24
4	April 2007	23	4	17
5	October 2007	14	4	29
6	April 2008	32	5	16
7	October 2008	23	4	17
8	July 2009	29	4	14
9	November 2009*	21	1	5
10	July 2010	21	3	14

* November 2009 issue merged with July 2010

2010 issues: July and November / Deadline: June 15

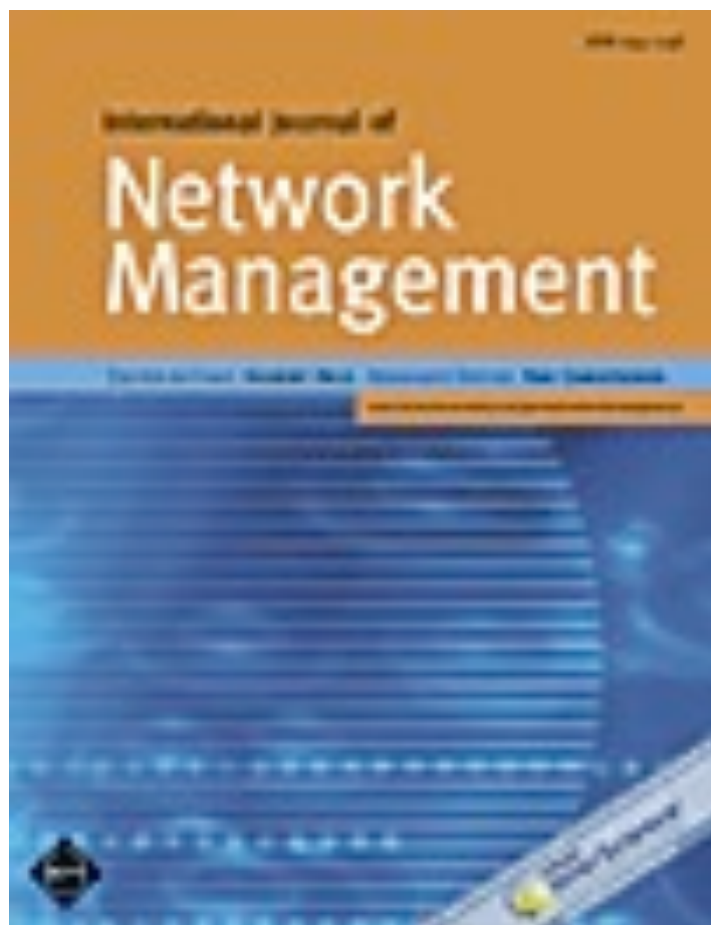
Journal of Network and Systems Management

- EiC: Manu Malek, Ed: Deep Medhi, Carlos Westphall
- Published by Springer
- JNSM Editorial meeting: Thursday April 22, 8:00



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>
- IJNM Editorial meeting Wednesday April 21, 17:30



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Sponsor conferences

- Previous events:

- 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

- TMA 2010 (IFIP)

- April 7, 2010, Zurich, Switzerland

Overview past conferences

	Submitted	Accepted	%	Attendees	Proceedings	Category
TMA 2009	31	15	46	≈ 60	LNCS	Focussed topic: Measurements
IM 2009	125	41	32	224	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
TMA 2010	34	14	41	70	LNCS	Focussed topic: Measurements
NOMS 2010	201	54	26	369	Xplore	A

Future Conferences

- Future events:

- AIMS 2010 (IFIP)

- June 21-25, Zurich, Switzerland

- EUNICE 2010 (IFIP)

- June 28-30, Trondheim, Norway

- CNSM 2010 (former Manweek - IEEE/IFIP)

- October 25-29, Niagara Falls, Canada

- IM 2011 (IFIP/IEEE)

- May 23-27, Dublin, Ireland

- APNOMS 2011 (IEEE/IFIP)

- September 21-23, 2011, Taipei, Taiwan

- NOMS 2012 (IEEE/IFIP)

- April 16-20, Maui, Hawaii, USA

AIMS 2010

- 4th International Conference on Autonomous Infrastructure, Management and Security
 - and 4th International Summer School on Network & Service Management)
- June 21-25, 2010, Zurich, Switzerland
- hosted by University of Zurich
- General Chair: Burkhard Stiller
- Technical Program Co-chairs:
Filip De Turck
Burkhard Stiller
- <http://www.aims-conference.org/>



International Conference on Network and Service Management (CNSM)

- Consolidation of ManWeek workshops
- Goal: increase the impact of the conference
- Single Track conference with workshops co-located
- October 25-29, 2010, Niagara Falls, Canada
- <http://www.ieee-cnsm.org/>



CNSM 2010

- **General Chair**
 - Raouf Boutaba, University of Waterloo, Canada
- **Program Chairs**
 - Hanan Lutfiyya, University of Western Ontario, Canada
 - Yixin Diao, IBM T.J. Watson Research Center, USA
- **Program Vice Chairs**
 - **Network Management**
 - Alex Clemm, Cisco Systems, USA
 - Rolf Stadler, KTH, Sweden
 - **Service and Business Management**
 - Lisandro Granville, Federal University of Rio Grande do Sul, Brazil
 - John Strassner, POSTECH, Korea
 - **Management Methods and Technologies**
 - Alex Keller, IBM, USA
 - Joan Serrat, UPC, Spain
- **Important Dates**
 - Paper registration and submission: Early June, 2010
 - Author notification: July, 2010
 - Camera ready papers due August, 2010

APNOMS2011 at Taipei, Taiwan

- September 21-23, 2011



APNOMS 2011

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Conference ranking

- We get more and more conferences
- Many people do no longer know what are the good and the bad conferences
- Various websites exist that rank conferences
- More and more institutes force their researchers to focus on some well ranked conferences

Ranking Australian Research Council

Conference name	Conference rank	Category
IM	A	1006
NOMS	B	1006
DSOM	B	805
APNOMS	C	805

Ranking Microsoft Academic Research

Conference name	Publications	Citations
IM	488	1991
DSOM	242	806
IPOM	105	117
MMNS	275	292
APNOMS	305	33
AIMS	88	49
BDIM	36	10

Some conference ranking sites

- Computing Research and Education Association of Australasia (CORE)
- Australian Research Council (ARC). As part of the Excellence in Research in Australia (ERA) a conference ranking (amongst others) has been created in December 2009; rankings range from A (=best conference) to C and unranked. Input data is provided by scopus; ranking itself is performed by Australian deans, and the Australian CORE (see above). As a consequence, conferences unknown to Australian researchers have not been ranked.
- Microsoft Academic search - Top-ranked Conferences in Computer Science. Ranks conferences based on citations and publications.
- CiteseerX Estimated Venue Impact Factors. Last updated in 2007
- Networking Conferences Statistics
- Google scholar: H-factors for conferences

Be aware of anonymous sites

{www | cs} conference ranking {com | org | net}

Similar lists can also be found on private webpages

Examples:

Computer Science Conference Ranking

- www.cs-conference-ranking.org

Conferencing-Ranking / CS Conference Ranking

- <http://cs.conference-ranking.net/> & <http://www.conference-ranking.org/>

Computer Science Department Conference Rankings

- http://www.comp.nus.edu.sg/~harishk/mysoc_confs.htm

Computer Science Conference Rankings

- http://www-static.cc.gatech.edu/~guofei/CS_ConfRank.htm

Computer Science Conference Rankings

- <http://www.cs.ualberta.ca/~zaiane/htmldocs/ConfRanking.html>

Be aware of anonymous sites

- See <http://www.rankingexpose.com/>

Avoid Anonymous Online Conference Ranking Sites

This is a site dedicated to exposing the scheme of some online anonymous ranking sites, including cs-conference-ranking.org and conference-ranking.net (.com and .org as well). My evidence shows that these two sites are created to promote specific multi-conferences and cannot be trusted.

It seems that some institutes or researchers have begun to use their results to review applications and select conferences. My suggestion is: unless these sites disclose the people behind the ranking and disclose the methods and data for their ranking results, you should not trust them and use their results for any means. However, I do not endorse any ranking site even the above information is disclosed. Also, ranking results are always up for interpretation. This web page is created to express my personal opinion of online conference ranking, and I am not responsible of any damage to any person (or organization) because of the content in rankingexpose.com (this site). You can find my information [here](#).

Proven facts of conference-ranking.net:

Conference ranking

- Seems we can not avoid ranking taking place
- Instead of relying on questionable lists, it might be better to do it ourselves
- Must be a transparent process
- IFIP WG6.6 and IEEE CNOM must work together (and, if possible, ACM)
- We'll start with Network Management conferences
- Should later be extended to all networking conferences
- Main idea: ranking should be performed by peers
 - Peer review provides the basis for our research
 - Same as Australian Computer Society
 - Metrics (like acceptance rate / citations) can be used by those who rank



IFIP TC6 Working Group 6.6

Management of Networks and Distributed Systems

[Home](#) | [Officers](#) | [Members](#) | [Mailing List](#) | [Conferences](#) | [Journals](#) | [Taxonomy](#) | [Event Organizers](#) | [Awards](#)

News

IFIP WG6.6 Homepage

This is the official IFIP WG6.6 website. The URL is <http://www.simpleweb.org/ifip/>

WG6.6/CNOM Reports

[Manweek 2008](#)

[IM 2009](#)

[Manweek 2009](#)

NOMS 2010

[NOMS 2010: 19-23 April 2010, Osaka, Japan](#)

IM 2011

[Dublin, Ireland](#)

IFIP Conference Ranking

- Explanation about this evaluation. To be provided later.

Evaluation




Instructions

Here there will be some text explaining the tables below. For example:

? - "I do not have an opinion"





- Number of times I have attended the conference

Conferences - IFIP/IEEE

		A	B	C	?	#
IM - Integrated Network Management	dblp  Stats	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text" value="1"/>
NOMS - Network Operations and Management Symposium	dblp  Stats	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text" value="1"/>
BDIM - International Workshop on Business-driven IT Management	dblp  Stats	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text" value="1"/>




[+](#) add a conference

Conferences - IEEE

		A	B	C	?	#
POLICY - International Symposium on Policies for Distributed Systems and Networks	  Stats	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1  





+ add a conference

Conferences - IFIP

		A	B	C	?	#
AIMS - International Conference on Autonomous Infrastructure, Management and Security	  Stats	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1  

+ add a conference

Other Conferences

		A	B	C	?	#
PAM - Passive and Active Measurement conference	  Stats	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1  

+ add a conference

Personal Identification

Name:

e-mail:

Submit my evaluation

References

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