CNOM Meeting @ Globecom 2007

by
James W. Hong (CNOM Chair)
jwkhong@postech.ac.kr

Technical Committee on
Network Operations and Management (CNOM)

4:00 – 5:00 PM
Tuesday, November 27, 2007
Washington DC, USA

Attendance

1. James W. Hong
2. Marcus Brunner
3. George Kormentzas
4. Ben Leon
5. Deep Medhi
6. Joe Betser
7. Rami Langar
8. Yacine Doudane
9. Dmitri Botvich
10. Alan Davy
11. Spyros Denazis
12. C. K. Toh
13. Doug Zuckerman
14. Raouf Boutaba
15. Young-Tak Kim
16. Brendan Jennings
17. Maode Ma
18. Elias Duarte
19. Stefano Giordano
20. Said Soulhi
21. Nazim Agoulmine
22. Kun Yang
23. Joel Rodrigues

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CNOM P&P Document

- Finally approved by TAC in Oct. 2007
- The document is now available on the CNOM ho mepage (www.comsoc.org/~cnom)
- The last modification dealt with the voting method which has been decided as follows:

  "TC elections are conducted by the N&E Committee and held by show of hands at a CNOM meeting at NOMS or IM."

CNOM Reps to ICC/Globecom

- ICC 2008 - Prof. Rocky K. C. Chang, Associate Professor, Department of Computing, The Hong Kong Polytechnic University, csrchang@comp.polyu.edu.hk

- Globecom 2008 – Dr. Kun Yang, Dept. of Electronic Systems Engineering, University of Essex, Wivenhoe Park, Colchester, UK, kunyang@essex.ac.uk

- ICC 2009 - Prof. Rocky K. C. Chang, Associate Professor, Department of Computing, The Hong Kong Polytechnic University, csrchang@comp.polyu.edu.hk

- Globecom 2009 – Prof. Young-Tak Kim, School of EECS, Yeungnam Univ., Korea, ytkim@yu.ac.kr

- We are now looking for CNOM Reps to ICC/Globecom 2010 – volunteers are welcome!

Reports on CNOM Sponsored Conferences

- LANOMS 2007
- APNOMS 2007
- Manweek 2007
- NOMS 2008

LANOMS 2007 (1/2)

- Petrópolis, Brazil, Sept. 10-12, 2007 (www.lanoms.org/2007)

  – For the first time, LANOMS was jointly organized with the Latin American Autonomic Computing Symposium (LAACS 2007)

  – LANOMS 2007 program was composed of *keynote speeches, technical sessions, invited paper sessions, short paper session, 3 tutorials♪*

- Keynotes – 2 keynote speakers

  – Roy Sterritt (Ulster) - Autonomic Computing: A Paradigm for Engineering Effective Systems

  – Michael Stanton (RNP) - Cyber-infrastructure and e-Science Applications in Latin America

LANOMS 2007 (2/2)

- Tutorials
  - José Vicente Martins (SERPRO) - Information Technology Infrastructure Library (ITIL)
  - Florian Schreiner (Fraunhofer FOKUS) - Next Generation Network Technology and Management
  - Manish Parashar (Rutgers Univ.) - Autonomic & Grid Computing Concepts, Infrastructure and Applications

- Technical Sessions
  - 13 full papers and 5 short papers presented
  - 2 invited paper sessions with 5 papers
  - 3 tutorials
  - Panel: Autonomic Computing Impact on Network Operations and Management

APNOMS 2007 (1/2)

- Oct. 10-12, 2007, Sapporo Convention Center, Sapporo, Japan (www.apnoms.org/2007)
  - 181 participants from 14 countries
  - Theme: "Managing Next Generation Networks and Services."♪

- Keynotes – 4 keynote speeches
  - Koichi Asatani (Kogakuin University, Japan) - Next Generation Networks - Dream or Reality
  - Yoon-Hak Bang (KT, Korea) - Innovative Network Operations and Management for Converged and Unmanned Operation Environment
  - Luoming Meng (BUPT, China) - Manageability for Connectionless Network of NGN
  - Doug Zuckerman (Telcordia, USA) - Optical Control Plane – Management Included

- Exhibitions
  - NTT Comware and HP Japan

APNOMS 2007 (2/2)

- ## 4 Tutorials
  - Taesang Choi (ETRI, Korea) - Accounting, Charging, and Billing Technologies and Standards for NGN
  - Hiroki Horiuchi (KDDI R&D Labs, Japan) - IP Converged Network and FMBC Services
  - Marat Zhanikeev (Waseda Univ., Japan) - Network Performance Perception in the Framework of NGN
  - Young-Tak Kim (Yeungnam Univ., Korea) - Management for QoS-guaranteed Real-time Multimedia Service Provisioning in MIH Environment

- ## Technical Program
  - 163 full paper submissions with 48 full papers accepted & presented (29% acceptance rate)
  - 10 Innovation session papers
  - 30 posters in two poster sessions
  - 2 special sessions with 8 presentations
  - DEP & Exhibitions

Manweek 07
Silicon Valley, California, USA
Oct 29 – Nov 2, 2007

- 3rd International Week on Management of Networks and Services
  - 2005: Barcelona, Spain
  - 2006: Dublin, Ireland
- 5 workshops of distinct but interrelated subjects
  - Separate TPCs, paper selection process, proceedings
  - Mix of tradition and up-and-coming
- Separate print proceedings
  - DSOM, MMNS, IPOM: Springer LNCS
  - MACE, EVGM: Multicon
- Location: Marriott Hotel, Downtown San Jose
- This year's theme:
      "End-to-End Virtualization of Networks and Services"

The New York Times

Wednesday, October 31, 2007   Last Update: 3:22 PM ET

NYT Archive Since 1981   [Search]

▶ Get Hom

Fed Lowers Key Interest Rate by a Quarter Point

By EDMUND L. ANDREWS 25 minutes ago

The Federal Reserve gave investors what they wanted today, but quietly warned Wall Street not to expect more reductions ahead.

Federal Reserve Statement
Economy Grew 3.9% in 3rd Quarter 11:52 AM ET

7 Are Acquitted in Madrid Bombings

By VICTORIA BURNETT 11:09 AM ET

Three men were found guilty of murder and 18 others were convicted of lesser charges, but none of the accused ringleaders of the attack were convicted.

🔊 Back Story With The Times's Victoria Burnett (mp3)

▶ _____ 8:27 ◀

JANET ELDER ON POLLING

Republic candidates find themselves in a quandary over President Bush's low approval ratings.

💬 Post a Comment

↖ INTERACTIVE FEATURE
Democratic Debate

Watch the interactive video and analyze the transcript.

Related Article
The Caucus: Campus Voices
Times Topics: The Debates

James Estrin/The New York Times

Manweek 2007 rocks Silicon Valley, registers 5.6 on Richter scale

As head of public diplomacy, Karen P. Hughes had focused on improving America's image in Muslim countries.

Toll Increase Proposed for Hudson River Crossings
By KEN BELSON 36 minutes ago
The Port Authority may raise tolls by one-third on the George Washington Bridge and Hudson River tunnels.

MORE NEWS
Russia Proposes Curbs on Monitors 11:20 AM ET
NASA Focuses on Solar Panel Repairs 51 minutes ago

ON THE BLOGS
The Caucus: Big Union Endorses Clinton
The Lede: NASA Plans to Reveal Air Safety Study
Bats: No Editor, and No Yanks for Schilling
Paper Cuts: A Playlist by Jeff Chang

READERS' COMMENTS

TRAVEL »
All the World's a Bar
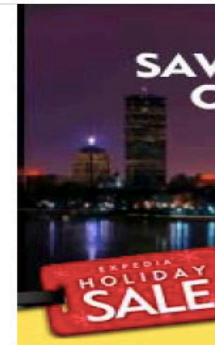Belo Horizonte has a claim to fame as the bar capital of Brazil.

Old World Meets the N
In the Roma neighborhood Mexico City, an oasis of European grandeur.
Affordable Caribbean Specia

REAL ESTATE | AUTOS |

In a Former Mining Colony, a Haven for Artists
Set on the high plains northwest of Mexico City Mineral de Pozos is an u place artists

📷 SI

Manweek 2007 Workshops

- DSOM 2007 – 18th IFIP/IEEE International Workshop on Distributed Systems: Operations and Management

- MACE 2007 – 2nd IEEE International Workshop on Modeling Autonomic Communications Environments

- EVGM 2007 – 3rd IEEE/IFIP International Workshop on End-to-End Virtualization and Grid Management (formerly known as AGNM)

- MMNS 2007 – 10th IFIP/IEEE International Conference on Management of Multimedia and Mobile Networks and Services

- IPOM 2007 – 7th IEEE International Workshop on IP Operations and Management

Beyond workshops

- Tutorials
  - **Participation in the tutorials was included in Manweek registration**
    - **Marketing tool**
    - **Good attendance: 30 (Tutorial 1), 20 (Tutorial 2, Friday afternoon)**
  - **Tutorial #1: Device Instrumentation: active and passive performance monitoring – *Ralf Wolter*, Cisco**
  - **Tutorial #2: Basic and Advanced Concepts in Wireless Networking – *Mallik Tatipamula*, Juniper Networks**
- 6 Manweek keynotes + several workshop keynotes
- NOMS 2008 TPC meeting (Wed afternoon – Friday)

Manweek organizing committee

Steering Committee   Raouf Boutaba (University of Waterloo, Canada)
Co-Chairs   Alexander Clemm (Cisco, USA)
      Silvia Figueira (Santa Clara University, USA)
      Masum Z. Hasan (Cisco, USA)

Publication Chair   Tom Pfeifer (Waterford Institute of Technology, Ireland)
Publicity Chair   Sumit Naiksatam (Cisco, USA)
Treasurer   Raouf Boutaba (University Waterloo, Canada)
      Brendan Jennings (Waterford Institute of Technology, Ireland)
Website and Registration Chairs Edgar Magana (UPC/Cisco)
      Sven van der Meer (Waterford Institute of Technology, Ireland)
Submission Chair   Lisandro Granville (UFRGS, Brazil)
Workshop Co-Chairs DSOM   Alex Clemm (Cisco, USA)
      Rolf Stadler (KTH, Sweden)
      Lisandro Granville (UFRGS, Brazil)
Workshop Co-Chairs MMNS   Dilip Krishnaswamy (Qualcomm, USA)
      Danny Raz, Technion (Israel)
Workshop Co-Chairs IPOM S. Felix Wu (UC Davis, USA)
      Jose Marcos Nogueira (Federal Univ of Minas Gerais, Brazil)
      Deep Medhi (University of Missouri-Kansas City, USA)
Workshop Co-Chairs EVGM Masum Z Hasan (Cisco, USA)
      Silvia Figueira (U Santa Clara, USA)
Workshop Co-Chairs MACE John Strassner (Motorola, USA)
      Brendan Jennings (TSSG, Ireland)
      Joan Serrat (UPC, Spain)

Paper Submissions & Acceptances

- **DSOM**
  - **54 submissions**
  - **20 accepted as full, 5 accepted as short**
- **MMNS**
  - **46 submissions**
  - **14 accepted as full, 4 accepted as short**
- **IPOM**
  - **40 submissions**
  - **16 accepted as full, 5 posters**
- **MACE**
  - **18 submissions**
  - **10 accepted + 2 invited papers**
- **EVGM**
  - **16 submissions**
  - **7 accepted**

Manweek 2007 Attendance

- **168 total attendance**
  - incl. 14 students
  - incl. 14 patrons
  - incl. keynotes + invited talks

- **20 countries represented**
  - 5 or more: USA 72, France 12, Korea 11, Ireland 9, Germany 8, Brazil 8, Japan 7, Canada 7, Sweden 5

- **Workshop registrations**
  - DSOM: 87
  - IPOM: 69
  - MMNS: 65
  - MACE: 58
  - EVGM: 58

Manweek 2007 Finances

- **No financial sponsorship by IEEE or Comsoc**
  - Technical sponsorship only
  - TSSG Ireland in charge of finance and transactions
  - Generous and early patronage by Cisco facilitated making early commitments, budget was never in the red as a consequence
- **Patrons**
  - Cisco
  - Orange
  - HP
- **Registration rates**
  - ca. 15% less expensive from last year
  - Full week (hotel facilities, 5 full days, 5 print proceedings, 2 social events, 1 reception):

	2006	2007
Early/Full/IEEE	Euro 715	**US$ 839**
Student	Euro 499	**US$ 595**

Manweek 2007 Summary

- **Overall, a success**
  - **Turnout slightly lower than expected**
    - **Consistent, from submissions to registrations**
  - **However, excellent feedback from attendees that did attend**
- **Online survey**
  - **"How would you rate Manweek on scale 1-5"**
    - **100% rate 4 or higher (4 – 83%, 5 – 17%)**
  - **"If fees remain in the same ballpark, will they make it difficult for you to attend in the future?"**
    - **71% no, 29% yes**
  - **"Would you attend another Manweek in the future?"**
    - **86% yes, 14% maybe**
- **May consider providing some IEEE support**
  - **Would have been nice if IEEE had sent e-mail to local member community**
    - **Manweek sponsors IEEE NOMS TPC meeting**
    - **IEEE members get discount**
    - **Workshops are technically sponsored**

Future CNOM Sponsored Events

- NOMS 2008
  - ✓ Apr. 7-11, 2008, Salvador, Brazil
  - ✓ www.noms2008.org

- Manweek 2008
  - ✓ Sept. 22-26, Samos, Greece

- APNOMS 2008
  - ✓ Oct. 22-24, 2008, Beijing China
  - ✓ www.apnoms.org/20078

NOMS 2008 (1/6)

April 7-11, 2008

City of Salvador, Bahia, Brazil
Not in El Salvador!

NOMS 2008 (2/6)

Organizing Committee

General Co-chairs
    Mehmet Ulema
    Jose Marcos Nogueira
Technical Program Co-chairs
    Marcus Brunner
    Carlos Westphall
And 40 people more ...

NOMS 2008 (3/6)

- Technical Program
  - 233 full paper submissions
  - 17 short paper submissions
  - 64 full papers accepted (27% acceptance rate)
  - 12 application session papers accepted
- Eight half-day tutorials
- PhD and MS Sessions
- Software Tools Session

NOMS 2008 (4/6)

- Six 1-day workshops
  - 3rd IEEE International Workshop on Broadband Convergence Networks (BcN 2008)
  - 3rd IEEE International Workshop on Business-driven IT Management (BDIM 2008)
  - 6th IEEE International Workshop on End-to-End Monitoring Techniques and Services (E2EMON 2008)
  - 2nd IEEE International Workshop on Bandwidth on Demand (BoD 2008)
  - 5th IEEE International Workshop on Managing Ubiquitous Communications and Services (MUCS 2008)
  - 2nd IEEE Workshop on Autonomic Communication and Network Management (ACNM 2008)
  - Submissions are open now!

Venue

Hotel Pestana Bahia
Rio Vermelho region, north of downtown
There are others hotels nearby

NOMS 2008 (6/6)

Local support

- Department of Computer Science
  UFMG - Federal Univ. of Minas Gerais (Belo Horizonte)
- PCO: Fundep – local non-profit organization
  Purchases, people payments, registration

Web Site

- Three addresses (aliases):
    - www.ieee-noms.org/2008
    - www.noms2008.org
    - http://www2.dcc.ufmg.br/eventos/noms2008/

- Hosted by Fed. University of Minas Gerais
- Maintained by Carlos Souza (Student)

<p style="text-align:center; color:red;">We hope to see you next year in Brazil!</p>

Future Planning

- IM 2009
  - Will be held in Columbia Univ., NY
  - Details are currently being worked out

- NOMS 2010
  - CNOM has invited to submit a proposal from Japan @ ICC 2007
  - Just received a NOMS 2010 proposal from Japan and it will be reviewed by NISC soon
  - Two other proposals have been promised to be submitted from Australia and Greece shortly

Proposal for NOMS 2010

IEICE Technical Committee on Information and Communication Management is willing to host NOMS 2010 in Japan

Proposed Dates:

  Plan#1: April 12-16, 2010

  Plan#2: April 19-23, 2010

Venue:

  Osaka University Convention Center

  Osaka Univ. Suita Campus

  Osaka, Japan

Proposed NOMS 2010 OC Members from Japan & Korea

General Co-Chairs: Nobuo Fujii, NTT-AT, Japan
                                       James Hong, POSTECH, Korea

TPC Co-Chair: Yoshiaki Kiriha, NEC, Japan
Application Session Co-Chair: Makoto Takano, NTT West, Japan

Finance Co-Chair: TBD, Japan
Patrons Co-Chair: TBD, Japan
Exhibits Co-Chair: TBD, Japan, TBD, Korea
Publicity Co-Chair: TBD, Japan, TBD, Korea

Local Arrangement Co-Chair: Shingo Ata, Osaka City Univ., Japan
Secretary: Hikaru Seshake, NTT, Japan
Advisory Board: Masayoshi Ejiri, Japan
                                       Yoshiaki Tanaka, Waseda Univ., Japan
                                       Seong-Beom Kim, KT, Korea
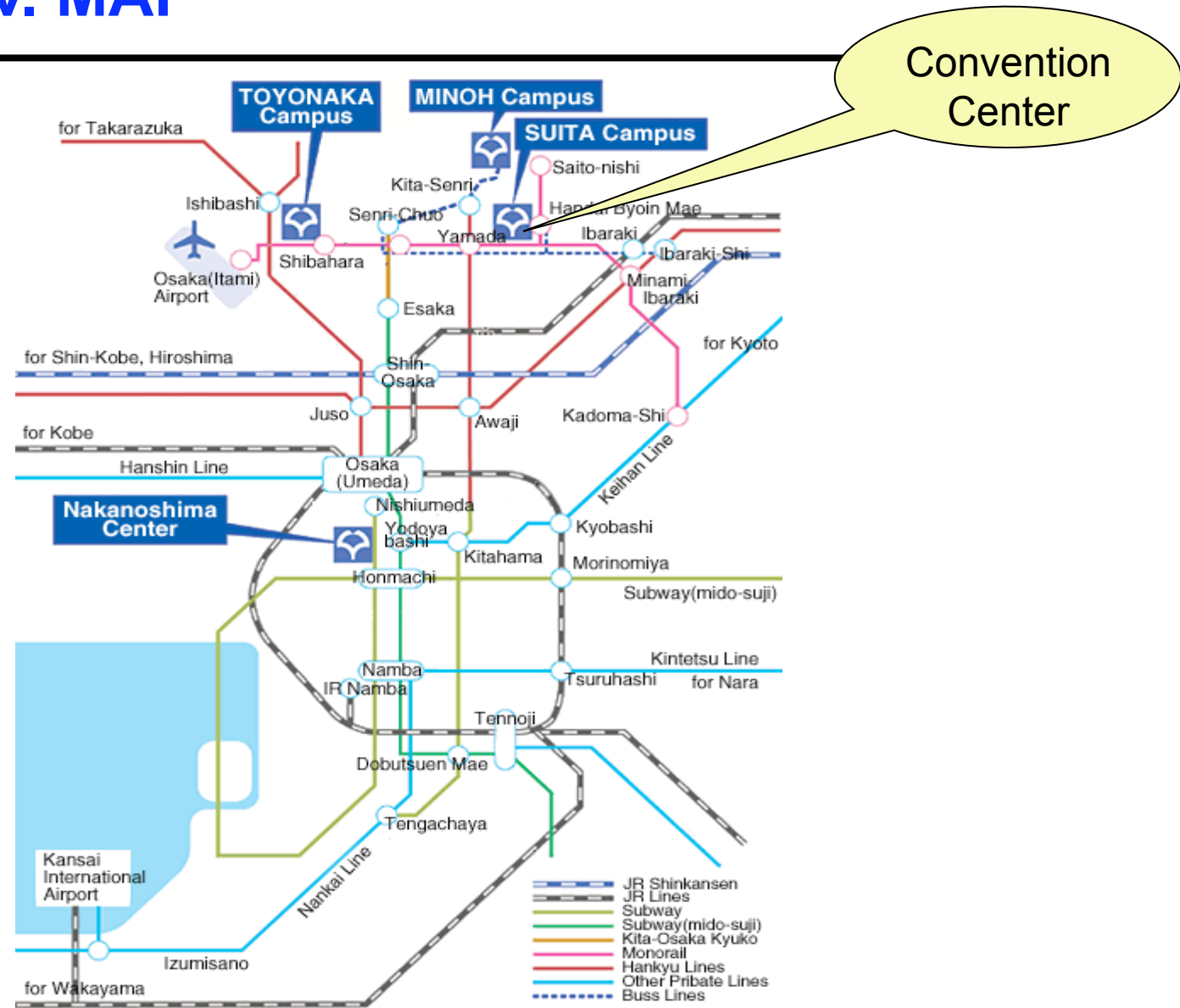   Kyung-Hyu Lee, ETRI, Korea
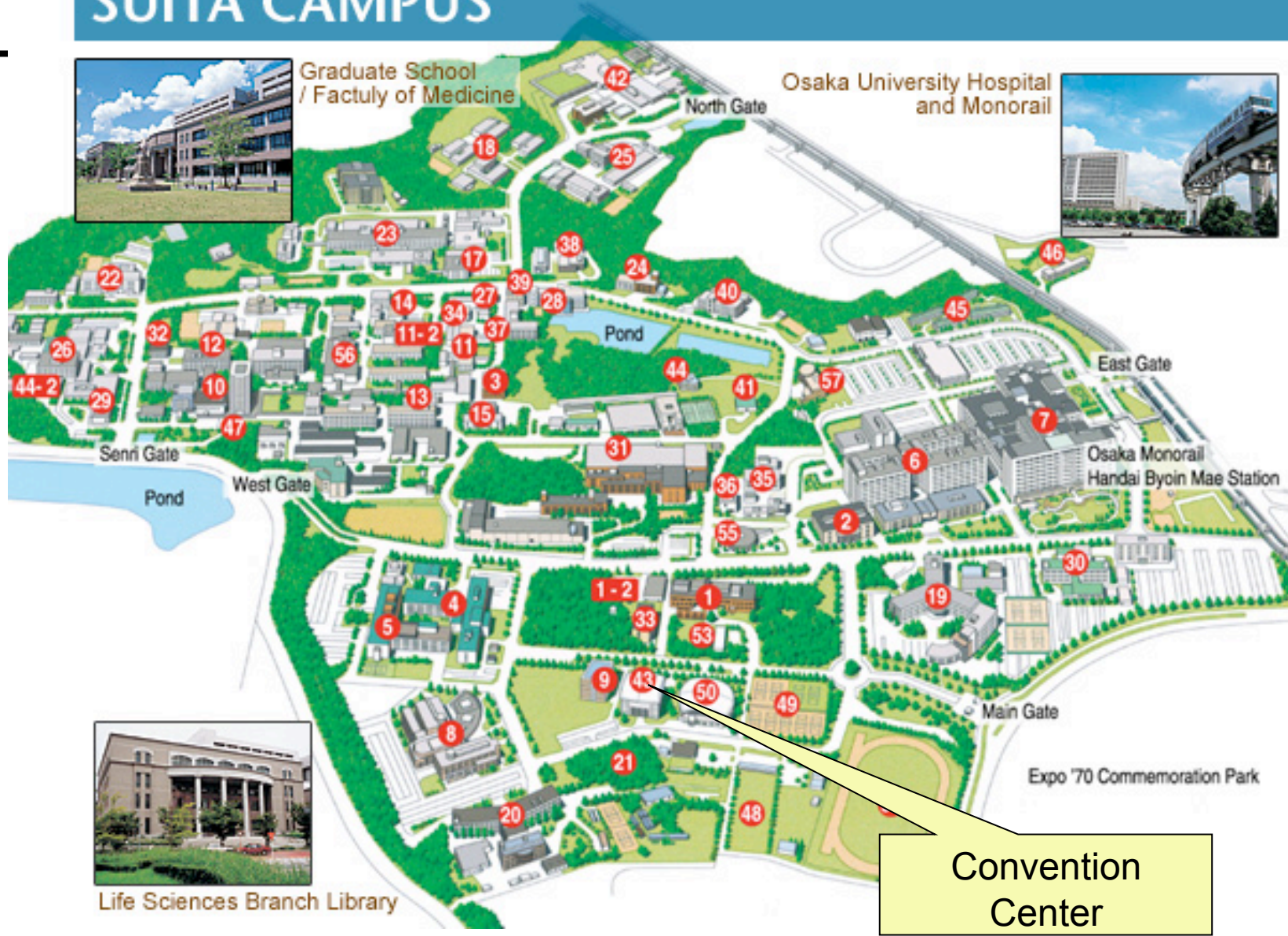
Venue Information: Osaka, Japan

Osaka, Japan

- The third largest city in Japan (population of 2.6 M) with lots of history as well as the modern excitements♪

- 60 minutes from Kansai International Airport by airport limousine bus or train

- Kansai Airport has many direct flights from/to cities around the world

- Close to additional popular tourist attractions such as Kyoto and Nara
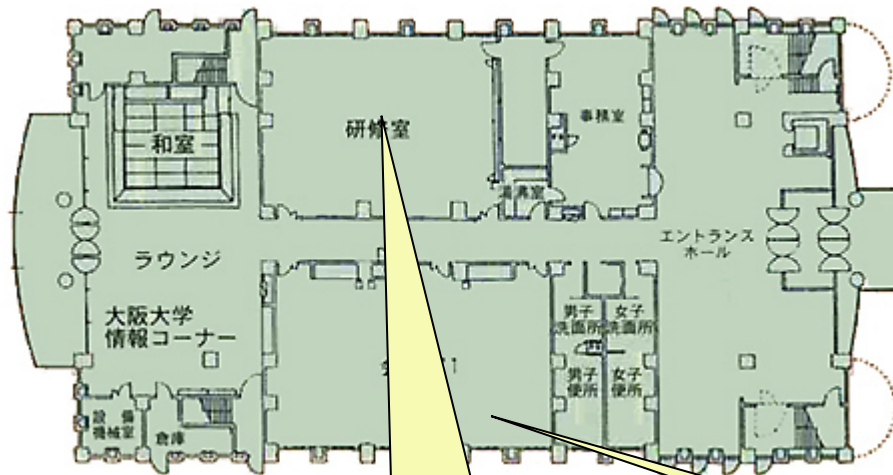
- Hotels range from $60-$200 US

Osaka Univ. MAP

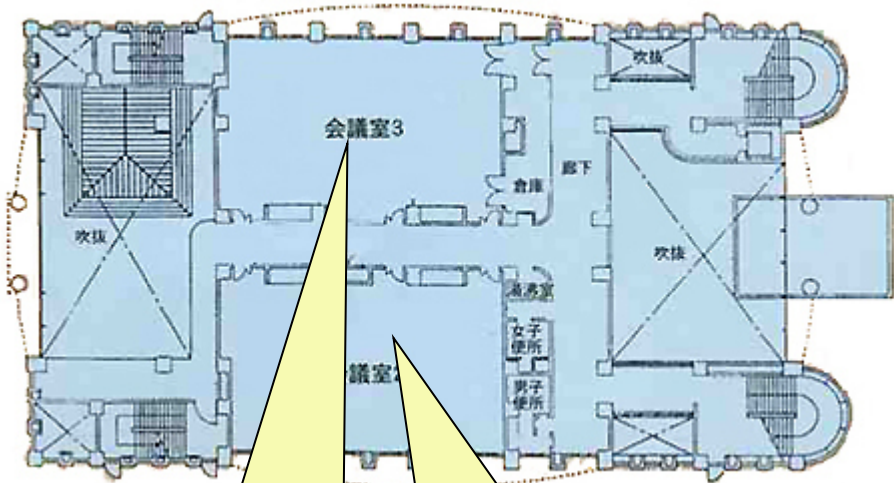

Convention Center

SUITA CAMPUS

Convention Center

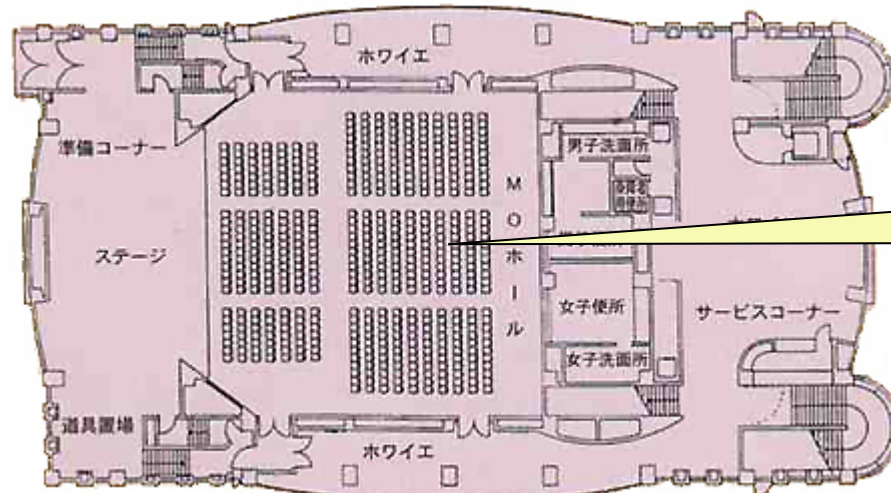# Osaka University Convention Center Floor Plan

1st Floor

2nd Floor

3rd Floor

OC Room
for 90 people

Session Rooms
for 120 people each

Main Hall
for 500 people

Proposed Schedule towards NOMS 2010

Apr., 2008 : Distribute NOMS 2010 Call for Participation at NOMS 2008
        Financial Plan and Session Organization for NOMS 2010
Aug., 2008 : Selection of OC Members
        Program at a Glance
Jan., 2009 : Call for Papers
Feb., 2009 : Selection of TPC & App. Session Committee Members
Sep. 1, 2009 : Technical Session Papers Due
Oct. 1, 2009 : App. Session Papers, Tutorials/Panel Proposals Due
Nov. 15, 2009 : Notification of Acceptance
Nov. 30, 2009: Selection of Session Chairs
Dec. 15, 2010: Submitting Revised Papers Due
Jan. 15, 2010 : Final Camera-ready Papers Due & Author Registration
Jan. 31, 2010: Early-bird Registration Due
Mar. 15, 2010: Advance Registration Due

NOMS 2010 Proposal Summary

- The organizers have lots of experience with proven records
  - NOMS 1996 in Kyoto, Japan, NOMS 2004 in Seoul, Korea
  - 10 APNOMS
- Strong local organization team for support
  - IEICE ICM and KICS KNOM
- Attractive and convenient city
- Venue with excellent facility at reasonable cost
- NOMS 2010 is promised to be a big success!

Journals and Magazines

- **TNSM (www.etnsm.org)**

- **IEEE Communication Magazine** Series on Network and Service Management

- Journal of Network and Systems Management (JNSM)

TNSM

- **Transactions on Network and Service Management** (TNSM, 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 & 5th issues were published in 2006

- **Transactions on Network and Service Management (TNSM)** has been approved as a full fledged IEEE transaction journal starting from Jan. 2007
  - will publish 3 issues in 2007 (June, Sept, Dec.)
    - Submissions are welcome!
  - 4 issues per year starting from 2008
  - Note: earlier issues will be entered in the digital library together with the June issue
  - Note: indexing is in process, but requires a number of years of existence of the transactions

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
- **Issues**
  - 1st issue Oct 2005 ComMag
    - 21 submissions, 4 papers published
  - 2nd issue Mar 2006 ComMag
    - 23 submissions, 5 papers published
  - 3rd issue Oct 2006 ComMag
    - 17 submissions, 4 papers published
  - 4th issue Mar 2007 ComMag
    - 23 submissions, 4 papers published
  - 5th issue Oct 2007 ComMag
    - 14 submissions, 4 papers published
  - 6th issue Mar 2008 ComMag
    - 25 submissions are currently under review

Journal of Network and Systems Management

- EiC: Manu Malek♪

- Published by Springer

- JNSM has been indexed in Thompson's SCIE since Jan. 2007

Selected Comsoc Major Conferences

Date ♪	NOMS/IM ♪	ICC ♪	Globecom ♪	WCNC ♪	Infocom ♪	OFC/NFOEC ♪
2007 ♪	**Munich,** Germany 21-25 May	**Glasgow**, Scotland 24-28 June♪	**Washington** DC, USA 26-30 Nov. ♪	**Hong Kong** ♪ 11-15 Mar♪	**Anchorage** Alaska, USA 6-12 May ♪	**Anaheim** CA, USA 25-29 Mar ♪
2008 ♪	**Salvador** Brazil 7-11 April	**Beijing** China 19-23 May ♪	**New Orleans LZ**, USA 1-4 Dec. ♪ ♪	**Las Vegas** USA 30 Mar-Apr 3 ♪ ♪	**Phoenix** ♪ AZ, USA 13 - 19 Apr♪	**San Diego** CA, USA 24-28 Feb ♪
2009 ♪	**New York USA** End of May? ♪	**Dresden** Germany 14 -18 June♪	**Honolulu** USA 30 Nov- 4 Dec♪	TDB ♪	**Miami**, FL USA 13 – 17 March	**TDB**♪
2010 ♪	**Osaka Japan** April ♪	**Capetown** South Africa May 2010 ♪	**New Orleans** USA 30 Nov - 4 Dec	TDB ♪	**TBD** ♪	**TDB**♪

Future CNOM Meetings in 2008

- NOMS 2008 in April 2008 in Salvador, Brazil
- ICC 2008 in May 2008 in Beijing, China
- Globecom 2008 in Nov. 2008 in New Orleans, USA

Thank you for attending

Questions or Suggestions?