

About IM 2007

The Tenth IFIP/IEEE International Symposium on Integrated Network Management (IM 2007) will be held 21–25 May 2007 in Munich, Germany.

IM 2007 will present the latest technical advances in the area of management, operations and control of networks, networking services, networked applications, and distributed systems. Held in odd-numbered years since 1989 and taking turns with its sibling conference NOMS, IM 2007 will build on the successes of its predecessors and serve as the primary forum for exchange among the research, standards, vendor and user communities in the field of integrated management. The symposium is sponsored by the International Federation for Information Processing (IFIP) Working Group 6.6 on Management of Networks and Distributed Systems, and by the IEEE Communications Society Technical Committee on Network Operations and Management.

IM 2007 will be organized into technical and application sessions, panels, and tutorials. In addition, it will feature an industrial experience track to share practical lessons learned by user and vendor communities, birds-of-a-feather sessions, and vendor exhibits. In the tradition of previous events, we strive to make the IM 2007 Symposium the highest quality professional event of the year. Paper submissions underwent a stringent review process implemented by the Technical Program Committee, which includes many of the most respected experts in the field. We received papers that break new grounds or present insightful results based on experience with integrated management of networks, systems, applications and services.

Six workshops on specialized topics will be held on the days before and after the IM technical program.

Organizing Committee of IM 2007

General Co-Chairs

Gabi Dreo Rodosek, Univ. der Bundeswehr München, Germany
Edgar Aschenbrenner, Hewlett-Packard, Germany

Technical Program Co-Chairs

Ehab Al-Shaer, DePaul University, USA
Heinz-Gerd Hegering, Leibniz Supercomputing Center, Germany
Alexander Keller, IBM T. J. Watson Research Center, USA

Steering Committee

Raouf Boutaba, University of Waterloo, Canada
Aurel Lazar, Columbia University, USA
Christian Rad, AT&T, USA
Veli Sahin, NEC, USA
Morris Sloman, Imperial College, UK
Doug Zuckerman, Doug Zuckerman Associates, USA
Seraphin Calo, IBM, USA
James Won-Ki Hong, POSTECH, Korea

About Munich – your Conference Venue

“Munich nestles between art and beer like a village between hills.” Originally written by Heinrich Heine some 150 years ago, these words remain true today. With the opera and Oktoberfest, Pinakothek art galleries and Hofbräuhaus beer hall, Bayern Munich and BMW, the city manages to marry vibrant modern life with old Bavarian tradition. It really is a dream city come true.

With its famous onion domes, the 15th century Gothic Church of Our Lady is Munich's unmistakable landmark. Not far away, at Marienplatz, the carillon plays three times a day. And just a stone's throw away is likely the most famous tavern in the world, the Hofbräuhaus beer hall. Other sightseeing highlights include the Olympic center where the Olympic Games took place in 1972.

Regarding museums, the Pinakothek der Moderne presents modern and contemporary painting and sculpture, jewelry, graphic art and the collection of the architectural museum under one roof. Together with the Alte Pinakothek, the Neue Pinakothek, the Glyptothek museum of Greek and Roman sculptures, the antiquities collection and Lenbach House, it forms a unique arts collection. The German Museum with its branches Verkehrszentrum (transport center) and Flugwerft (aircraft works) is a pioneering museum all about mobility.



IM 2007
Moving from Bits
to Business Value

21–25 May 2007
Munich, Germany



10th IFIP/IEEE Symposium on Integrated Management

Call for Participation

Keynotes by:

State Minister Erwin Huber

Bavarian Ministry of Economic Affairs, Infrastructure, Transport and Technology

Dr. René Wies

Vice President, IT Development and Purchasing Division, BMW

Prof. Dr. Wolfgang Gentzsch

Coordinator of the German D-Grid Initiative

Prof. Vasilis Maglaris, Ph.D.

Chairman of the GÉANT2 National Research and Education Networks
Policy Committee, NTUA Athens

Ulrich Pfeiffer

Regional CTO, Software Global Business Unit, HP

Keith C. Goodman

IBM Distinguished Engineer and CTO for IT Strategy and Architecture Services,
IBM Global Technology Services

Don't miss the top management conference in 2007, register now at <http://www.ieee-im.org> to get the best conference, hotel and air travel rates!

Symposium Presenter Registration	by Wednesday, February 28th
Early Bird Registration	by Monday, April 9th
Advance Registration	by Monday, April 30th
Late Registration	after Monday, April 30th



Addresses of Welcome

I cordially welcome all of you to this symposium!



I am happy to see experts from all over the world gathering in Munich to consult with each other on their research findings and developments. I regard this as a compliment to Munich as a location of scientific endeavor: The Free State of Bavaria takes pride in having two of Germany's most respected universities located in its state capital – Ludwig-Maximilians-Universität München and Technische Universität München.

About ninety thousand young women and men at these two institutions of higher education devote themselves to their specialized subjects across the entire spectrum of science: Students from Munich are at the top of their scientific disciplines with respect to both domestic and international ratings. This provides eloquent confirmation of our policy in the area of education, science and research.

In this matter we place emphasis on cooperation between science and business. For that section of the sciences which is directly relevant for business, it is important to establish contact between theory and practice; by the same token, commercial enterprises for very good reasons set value on employees with first-rate and practice-oriented education. This should not be taken to mean that "less-economic" sciences will be marginalized on Bavarian university campuses, since our strength lies in diversity also at the institutions of higher education.

In this spirit I wish the symposium lots of luck and success.

— **Dr. Edmund Stoiber, Bavarian Minister-President**

The Universität der Bundeswehr München welcomes our guests from all over the world who will take part in the 10th International IFIP/IEEE Symposium on Integrated Network Management.



Though our university has three big faculties in social and economic sciences, we see ourselves as a technical university. The main research effort at our university takes place in four faculties comprising computer science and engineering disciplines resulting in considerable third party funding.

Financed by the Ministry of Defense and academically supervised by the Bavarian Ministry of Science, this university educates German officers up to their diploma, master or doctorate degrees. After 12 years of service, these men and women are able to integrate themselves easily into the civil labor market. Their high success rate is due to the combination of leadership ability and their profound academic education.

In research and teaching, we therefore highly encourage any combination of engineering and computer science with methods of modern management. One result of our efforts is the university-wide research program in Security and Safety. That you have chosen the Universität der Bundeswehr München as a venue for this conference makes us proud. It is only the second time that this conference will take place outside the USA.

I wish all participants lively and successful discussions!

— **Prof. Dr. Merith Niehuss, President of the Universität der Bundeswehr München**

Conference Program

Monday, May 21 2007

T1 - Autonomic Networking - Theory and Practice; John Strassner, Motorola Research Labs, USA	T2 - NetFlow, IPFIX, and Beyond: Integrated Routing, Traffic Analysis, and Modeling for Highly Accurate Network Engineering; Cengiz Alaettinoglu, Packet Design Inc., USA	W1 - E2EMON 2007	W2 - BDIM 2007	W3 - BcN 2007
T3 - Peer-to-Peer Networking: State of the Art and Research Challenges; Raouf Boutaba, University of Waterloo, Canada	T4 - Efficient Network and Traffic Monitoring; Danny Raz, Technion, Israel			
Evening		Welcome Reception		

- W1** - 5th IEEE Workshop on End-to-End Monitoring Techniques and Services
- W2** - 2nd IEEE International Workshop on Business-driven IT Management
- W3** - 2nd IEEE International Workshop on Broadband Convergence Networks

Tuesday, May 22 2007

08:30 – 09:00	Opening Ceremony		
09:00 – 10:15	Keynote Speeches		
10:30 – 12:10	TS1 - Policy Management	TS2 - Virtualization	AS1 - Management solutions for network operators
13:30 – 15:10	TS3 - Security Management	TS4 - Workload Management	PS1 - Policy Analysis and Refinement
15:40 – 17:00	TS5 - Self-Management	TS6 - Management of High-speed Networks	AS2 - Managing authentication, authorization, identities and access control
17:00 – 18:00	Poster Session		

Wednesday, May 23 2007

08:45 – 10:15	Keynote Speeches		
10:30 – 12:10	TS7 - Monitoring	TS8 - Business-Driven Management	PS2 - Merging Application Development and Operational Management
13:30 – 15:10	TS9 - Measurements and Quality of Service	TS10 - Change and Configuration Management	PS3 - Can we Trust Management Systems?
15:40 – 17:00	TS11 - Security Analysis and Enforcement	TS12 - SOA Management	AS3 - Managing upcoming systems and infrastructures
17:00 – 18:00	Poster Session		
19:15 – 01:00	Symposium Banquet		

Thursday, May 24 2007

08:45 – 10:15	Keynote Speeches		
10:30 – 12:10	TS13 - Service Management	AS4 - Network and service analysis and optimization	PS4 - Virtual Machine Management: Old Wolf in New Sheep's Clothing?
13:30 – 14:50	TS14 - Mobility Management	AS5 - Management infrastructure development	PS5 - What's IT management worth to the business?
15:00 – 17:00	Distinguished Experts Panel <i>Grid Computing – Moving from Bits to Business Value</i>		

Friday, May 25 2007

T5 - Modern Web Applications with Ajax and Web 2.0; Andreas Eberhart, HP, Germany	T6 - Assessing and Hacking Network Security; Radu State, LORIA, France	W4 - FeBID 2007	W5 - MUCS 2007	W6 - ACNM 2007
T7 - IT Service Management in a Service-oriented Environment: Best Practices, Challenges, and Shared Experiences; Claudio Bartolini, HP Labs, U.S.A., Chris Ward, IBM Research, U.S.A.	T8 - Traffic Engineering and Quality of Service Management for IP-based Next Generation Networks; George Pavlou, University of Surrey, U.K.			

- W4** - 2nd IFIP/IEEE International Workshop on Feedback Control Implementation and Design in Computing Systems and Networks
- W5** - 4th Internat. Workshop on Managing Ubiquitous Communications and Services
- W6** - 1st IEEE Workshop on Autonomic Communication and Network Management

Abbreviations: TS – Technical Session, AS – Application Session, PS – Panel Session, T – Tutorial, W – Workshop

For potential changes in the program please see the conference web site <http://www.ieee-im.org>.

We thank our patrons!

Platinum Patrons



Gold Patrons



Silver Patrons



Bronze Patrons

