

2nd NGMN Industry Conference 2008

June 26th-27th, 2008 at Maritim Hotel Frankfurt, Germany

With an NGMN Demo Night on June 25th, 2008 and an Evening Event on June 26th, 2008

An In-depth Look at Achievements of the NGMN Alliance and Challenges Facing Mobile Industry

The NGMN Alliance was founded to shape the future of mobile industry. The operator members of NGMN Alliance represent well over half of the total mobile subscribers globally and the vendor partners of the NGMN Alliance account for more than 90% of global deployments of mobile networks. Together they have been working to realise the vision of personal broadband where the connectivity to the data networks is shifted from fixed locations to mobile individuals.

In 2006, during the first NGMN Industry Conference, the vision of the alliance and its requirements were introduced and key industry members were invited to contribute to its realisation. Two years on, the NGMN Alliance has progressed significantly to ensure that its vision will be realised. The second NGMN Industry Conference is the occasion which will provide thorough insight into:

- The achievements and results of the alliance with implications for the telecommunications industry,
- The key challenges facing the mobile industry on how best to serve customers and users of mobile services,
- The key ingredients required for creating a viable mobile ecosystem and how to foster the dialogue within the mobile industry on future options and requirements, and

- Future potential services and the customer experience enabled by new technologies and devices.

This event is the only place where the top management of member companies and representatives of the wider mobile ecosystem will discuss the future of the mobile industry in an open environment and from various angles. Keynote speeches and presentations from NGMN Board members and top management representatives of NGMN vendors are complemented by panel sessions and demonstrations of the NGMN candidate technologies. This format enables the attendees to get a deep understanding of the issues, both technical and commercial, facing the mobile industry and plan their actions accordingly.

To further your understanding and to make sure you have enough time to meet and network with the key players of the mobile industry, an entertaining evening event together with several networking breaks are planned.

During this one and a half day conference you will meet Board members of the NGMN Alliance, CxOs and senior executives of the leading mobile operators and vendors, and other top level executives from the broader mobile ecosystem.

Book online via
www.amiando.de/NGMN-2008

Prices:
€ 1,890 + VAT (Germany)
NGMN Partners:
€ 1,590 + VAT (Germany)

Reduced rate accommodation is available till May 19th at Maritim Hotel Frankfurt, by quoting "NGMN".

Contact details:
<http://www.maritim.de/typo3/english/hotels/hotels/hotel-frankfurt.html>

Conference Programme

NGMN Demo Night, Wednesday, June 25th, 2008

18.00 NGMN Demo Night at the Foyer, Maritim

The NGMN Industry Conference is supported by demonstrations from some of the world-leading industry players. The following Partners of the NGMN Alliance will demonstrate their next generation solutions at the Demo Night and throughout the conference:

- **Anritsu: LTE network and UE demonstration**
Demonstration of LTE network and User Equipment simulators to provide a look and feel of future NGMN applications. An IP network analyser shows measurements of data rates and latency. The demonstration will use LTE waveforms based on 3GPP and will include 2x2 MIMO to enable 100MB/s data transmission rates.
- **mimoOn: LTE Software Defined Radio platforms**
Demonstration of the world's first real-time LTE end-to-end solution on Software Defined Radio (SDR) platforms.
- **Nokia Siemens Networks: Advanced Mobile radio Real-time Experience (AMoRE demonstrator)**
Demonstration of the behavior of real IP applications through the real-time emulated LTE air interface (impact of features) and visualization of various technical characteristics.

- **Motorola: WiMAX / LTE broadband platform**
Display of Motorola's common WiMAX and LTE broadband platform, also showing CTIA LTE live demonstration on video that highlights how Motorola LTE can accelerate the delivery of personal media experience and how LTE can hand-over to CDMA or other access technologies.
- **Rohde & Schwarz: CMW500 Wideband Radio Communication Tester**
Live demonstration of the new protocol test platform R&S® CMW500 for LTE terminals. In addition, solutions for vector signal generation and analysis featuring next generation technologies such as LTE, WiMAX and MIMO will be part of that demonstration.
- **Alcatel Lucent: A 20MHz 2x2 MIMO solution using Alcatel-Lucent's pre-commercial LTE enodeB and terminals from LGE**
Demonstration of throughput and bandwidth to serve high quality data, through simultaneous streaming of multiple standard and high definition video streams with the low latency LTE imparts for end users.
- **Ericsson**

18.00 End of Demo Night

Conference Topics

Keynote

- Hamid Akhavan: NGMN – The Engine of Mobile Broadband Innovation

Session 1

NGMN – Accomplishments and Implications

- Dr. Sha Yuejia: Technologies that Shape the Future of Mobile Broadband Communications
- Steve Pusey: Designing Customer-centric Network Solutions
- **Panel 1:** NGMN – Shaping the Evolution of the Mobile Industry

Session 2

NGMN – Shaping the Future of Mobile Communication Technology

- Vivek Badrinath: Towards NGMN - The Operator View
- Dr. Jan Uddenfeldt: Mobile Broadband Network Capabilities
- Larry Lang: Service Delivery in Next Generation Mobile Networks
- Devices in Next Generation Mobile Networks
- **Panel 2:** Challenges in the Air – Mobile Internet

Keynote

- Matthias Kurth: Regulatory Aspects for the Next Generation of Mobile Broadband

Session 3

Enabling the Mobile Broadband Ecosystem

- Dr. Horst Lennertz: Spectrum – Oiling the Engine of Innovation
- Paul Davey: Enabling Industry Transition through IPR Transparency
- Joachim Horn: Trials – Ensuring Success for Innovation
- **Panel 3:** Role of Standardisation and Industry Fora Play in Creating a Viable Ecosystem?

Keynote

- Caroline Lewko: What do Innovators and Developers Expect from Next Generation Mobile Networks?

Session 4

Nurturing the Mobile Broadband Ecosystem

- **Panel 4:** The NGMN Ecosystem: Enabling future Innovation and Business Opportunities
- Dr. Peter Meissner: The Strategic Roadmap of the NGMN Alliance - from Standards Focus to a Platform for Innovation

Day 1, Thursday, June 26th, 2008

09.00 Attendee registration & Coffee

10.00 **Keynote: NGMN – The Engine of Mobile Broadband Innovation**

- History and background of the NGMN Alliance
- Role and mission of the NGMN Alliance
- Market developments in mobile broadband
- Key challenges of mobile broadband
- Roadmap of the mobile industry
- What to expect from this conference

Speaker: Hamid Akhavan
CEO, T-Mobile International
Chairman of the NGMN Board

Session 1 NGMN – Accomplishments and Implications

Chairman: Dr. Peter Meissner
Operating Officer, NGMN Alliance

10.30 **Technologies that Shape the Future of Mobile Broadband Communications**

- Technology Trends and Challenges
- Ensuring Functionality and Scalability
- Guaranteed timely availability for the market
- Minimizing CAPEX/OPEX
- Next Steps for Mobile Broadband Networks

Speaker: Dr. Sha Yuejia
Vice President and CTO, China Mobile
Member of the NGMN Board

11.00 **Designing Customer-centric Network Solutions**

- Shaping decisions on next-generation technologies to enhance the customer's mobile experience
- Building partnerships with key industry stakeholders to help channel efforts into heightening levels of customer satisfaction
- Lobbying for good quality spectrum to improve the customer's experience
- Pushing for transparent IPR to ensure greater value for customers
- Planning the re-use of existing assets to ensure operators are well positioned to offer even better value to customers

Speaker: Steve Pusey
CTO, Vodafone Group
Member of the NGMN Board

11.30 **Panel 1
NGMN – Shaping the Evolution of the Mobile Industry**

- Did we meet the expectations of the mobile industry?
- Deploying next generation mobile networks in 2010
 - Are we on the right track?
 - Is there a need to accelerate standardisation?
 - What are the major challenges ahead?

Moderator: Dr. Peter Meissner
Operating Officer, NGMN Alliance

Panellists: Hamid Akhavan
CEO, T-Mobile International
Chairman of the NGMN Board
Steve Pusey
CTO, Vodafone Group
Member of the NGMN Board
Dr. Sha Yuejia
Vice President and CTO, China Mobile
Member of the NGMN Board

12.30 **Networking Lunch & Demonstrations**

Session 2 NGMN – Shaping the Future of Mobile Communication Technology

Chairman: Stein Hansen
Vice President Group Strategy, Telenor
Member of the NGMN Operating Committee

14.00 **Towards NGMN - The Operator View**

- Migration of the present 3G radio network towards an NGMN radio network: the operators' requirements
- Rollout of the "Evolved Packet Network": the main options
- Multimode and multiband NGMN devices
- Options and services to be implemented in the NGMN devices
- Interworking of the services platforms with IMS

Speaker: Vivek Badrinath
CTO, France Telecom/Orange
Member of the NGMN Board

14.30 **Mobile Broadband Network Capabilities**

- Mobile broadband network traffic growth
- Mobile broadband technology evolution
- NGMN targets for performance, cost and simplicity realized by LTE
- Mobile broadband eco-system, device platforms, and interoperability
- LTE industry timelines

Speaker: Dr. Jan Uddenfeldt
Senior Vice President & Senior Advisor
Technology to CEO, Ericsson

Day 1, Thursday, June 26th, 2008

15.00 Service Delivery in Next Generation Mobile Networks

- User expectations of services to be delivered
- End-to-end view of services for mobile broadband
- Defining service delivery capabilities
- Implications for service delivery platforms

Speaker: **Larry Lang**
General Manager and Vice President Mobility,
Signaling & Control,
Cisco Systems, Inc.

15.30 Devices in Next Generation Mobile Networks

- Categories of devices for the next generation of mobile networks
- Key challenges (e.g. battery lifetime, form factors, multi-mode)
- Securing time-to-market
- Device capabilities for enhanced user experience

Speaker: **Senior Executive,**
Samsung

16.00 Coffee Break & Demonstrations

17.00 Panel Session 2 Challenges in the Air – Mobile Internet

- What does the mobile Web customer want, and who is best positioned to provide it?
- What kinds of content will drive the growth of the mobile Web?
- How important are Web standards in this growth?
- How important is it to allow the customers maximum freedom vs. providing a controlled environment?
- What can we learn from history?

Moderator: **Dr. Steve Bratt**
CEO, World Wide Web Consortium

18.00 End of Day 1

19.00 Evening Event Entertainment and Networking

Location: Fair Tower (MesseTurm), 30th Floor

Day 2, Friday, June 27th, 2008

09.00 **Keynote: Regulatory Aspects for the Next Generation of Mobile Broadband**

- Towards a more liberal approach in spectrum regulation
- Digital Dividend: The European discussion
- Broadband goes mobile
- A look into the future of telecommunications markets

Speaker: Matthias Kurth
President, Federal Network Agency,
Germany (Bundesnetzagentur)

Session 3 Enabling the Mobile Broadband Ecosystem

Chairman: Dr. Peter Meissner
Operating Officer, NGMN Alliance

09.20 **Spectrum – Oiling the engine of innovation**

- Spectrum requirements for NGMN
- Spectrum for coverage vs. spectrum for capacity
- Bridging the digital divide
- Current spectrum availabilities
- The way ahead - what do we need?

Speaker: Dr. Horst Lennertz
Member of the Supervisory Board, E-Plus
Member of the NGMN Board

09.40 **Enabling Industry Transition through IPR Transparency**

- Why does IPR transparency matter?
- Role of NGMN Alliance in creating transparency
- The Trusted 3rd Party process
- Emerging IPR challenges

Speaker: Paul Davey
R&D Commercial & Group Director of
Intellectual Property, Vodafone Group
Chairman of the NGMN IPR Plenary

10.10 **Trials – Ensuring Success for Innovation**

- Benefits of trials in creating a viable mobile broadband ecosystem
- The role of NGMN - common requirements and evaluation
- Results from LTE and WiMAX trials
- Roadmap and expected trial landscape 2008/2009

Speaker: Joachim Horn
CTO, T-Mobile International
Member of the NGMN Operating Committee

10.40 **Panel 3 Role do Standardisation and Industry Fora Play in Creating a Viable Ecosystem?**

- How can technology drive a viable ecosystem - from operator requirements to solutions
- How to accelerate and better synchronise standardisation
- How to avoid fragmentation in standards setting

Moderator: Tom Keathley
AVP – Radio Access and Standards, AT&T

Panelists: Jean-Pierre Bienaimé
Chairman, UMTS Forum

Tim Raby
Managing Director, OMTP

Ronald Resnik
President and Chairman, WiMAX Forum

Alex Sinclair
CTO, GSM Association

Dr. Walter Weigel
Director General, ETSI

11.30 **Coffee Break & Demonstrations**

Session 4 Nurturing the Mobile Broadband Ecosystem

Chairman: Dr. Hossein Moïin
Group Vice President Technical Strategy,
T-Mobile International
Chair of NGMN Ecosystem Working Group

12.00 **Keynote: What do Innovators and Developers Expect from Next Generation Mobile Networks?**

- Who are the many faces of developers?
- Why the industry needs developers and open innovation
- What needs to change to avoid the fragmentation issues in next generation mobile networks
- How to involve the key players in the Mobile Developer Ecosystem

Speaker: Caroline Lewko,
President and CEO,
Wireless Industry Partnership

Day 2, Friday, June 27th, 2008

12.20 **Panel 4** **The NGMN Ecosystem: Enabling Future Innovation and Business Opportunities**

- Who are the key players in the NGMN ecosystem?
- What are the business opportunities in the NGMN ecosystem and how does it differ from 2G/3G?
- What does „platform for innovation“ mean in the context of mobile broadband?
- What are the barriers to creating a viable ecosystem and how can we remove them?
- What role should the NGMN Alliance play in developing the mobile broadband ecosystem?

Moderator: **Dr. Hossein Moiin**
Group Vice President Technical Strategy,
T-Mobile International
Chair of NGMN Ecosystem Working Group

Panellist: **Gaurav Garg**
Venture Capitalist, Sequoia Capital
Steve Jang
VP, Marketing and Business Development, imeem
Caroline Lewko
President and CEO, WIP
Dr. Karim Taga
Managing Director, Arthur D. Little

13.20 **The Strategic Roadmap of the NGMN Alliance - from Standards Focus to a Platform for Innovation**

Speaker: **Dr. Peter Meissner**
Operating Officer, NGMN Alliance

13.40 **Farewell Lunch**

15.00 **End of Conference & Demonstrations**

Speakers

Hamid Akhavan

CEO T-Mobile International
Chairman of the NGMN Board



Hamid Akhavan has been the Member of the Board of Management of Deutsche Telekom responsible for the Mobile Communication business area since December 5, 2006, and is also Chairman of the Board of Management of T-Mobile International AG. Previously Hamid Akhavan was CTO on the Board of Management of T-Mobile International. He has been working at T-Mobile International since September 2001 and was appointed to the Board of Management in December 2002. Hamid Akhavan graduated from the California Institute of Technology with a Bachelor of Science degree in Electrical Engineering and Computer Science and received a Master's degree from the Massachusetts Institute of Technology in the same fields.

Vivek Badrinath

CTO, France Telekom/Orange
Member of the NGMN Board



Vivek Badrinath was appointed as Executive Vice President for IT, Networks & Product Support for the France Telecom group in 2006. In his current role within the Networks, Carriers and IT Division, Vivek Badrinath is responsible for developing the technical policies for the France Telecom Group's IT and Networks, supporting the implementation of its integrated product portfolio and leading the convergence of its network and information systems. He has a degree in Engineering from Ecole Polytechnique, a degree in Statistics from the University of Paris, and has also studied at Ecole Nationale des Télécommunications in Paris.

Dr. Horst Lennertz

Member of the Supervisory Board, E-Plus
Member of the NGMN Board



Horst Lennertz started his professional career in the energy industry up to serving on the Board of Management of PreussenElektra (actually E.ON Energie). As the co-founder of E-Plus Mobilfunk, he joined E-Plus as Chief Technical and Information Officer beginning 1993. In 2000 KPN took over the majority interest in E-Plus and he became Member of the Board of Management (CTO) of KPN Mobile., being responsible for network and IT of the entire KPN Mobile Division. He is the co-initiator of NGMN. After having retired he is still Member of the Supervisory Board of E-Plus and other companies / associations.

Steve Pusey

CTO, Vodafone Group
Member of the NGMN Board



Steve Pusey joined Vodafone Group in 2006 as Global Chief Technology Officer. He is responsible for all aspects of Vodafone's networks, IT capability and supply chain management. Prior to joining Vodafone, Steve was one of the most senior executives at Nortel and held the position of Executive Vice President, and President, Nortel EMEA. Steve Pusey is a graduate of the Advanced Management Program at Harvard University.

Dr. Sha Yuejia

Vice President and CTO, China Mobile
Member of the NGMN Board



Mr. Sha previously served as Director of the Engineering Construction Department IV Division of Beijing Telecommunications Administration, President of Beijing Telecommunications Planning Design Institute, Deputy Director General of Beijing Telecommunications Administration, Vice President of Beijing Mobile Communications Company, Director and Vice President, Chairman and President of Beijing Mobile. Mr. Sha graduated from Beijing University of Posts and Telecommunications, and received a Master's Degree from the Academy of Posts and Telecommunications of the Ministry of Posts and Telecommunications and a doctoral degree in business administration from Hong Kong Polytechnic University. He is a professor-level senior engineer with over 25 years of experience in the telecommunications industry.

Paul Davey

R&D Commercial & Group Director of
Intellectual Property, Vodafone Group
Chairman of the NGMN IPR Plenary



Responsible for building a culture of Intellectual Property capture and use across the Vodafone Group. For the past 3 years Paul has been responsible for leading Vodafone's industry engagement to develop and shape the emerging IPR regime for 4G technology to create a sustainable economic model for the transition of the mobile telecommunications from Voice and Text to Mobile Broadband and beyond. He has 15 years experience in IT industry leading new market entry strategies and competition strategy & tactics. Managed M&A activities to open new distribution channels outside main European countries. Held senior positions in leading industry players; Digital Equipment, Tandem Computers & Compaq.

Joachim Horn

CTO, T-Mobile International
Member of NGMN Operating Committee



As of December 2006 Joachim is the Chief Technology Officer and Member of the Executive Committee of T-Mobile International AG. He also serves as a Board member of the GSM Association. Joachim Horn joined T-Mobile in 2003 as the Technology Director for T-Mobile Germany and Head of Planning and Engineering for T-Mobile International. Prior to T-Mobile, Joachim held several senior management and engineering positions in the telecommunication sector. Joachim was born in 1960 in Frankenberg, Germany. He is a graduate of Wedel University of Applied Science (Germany) in 1984.

Larry Lang

General Manager and Vice President Mobility,
Signaling & Control Business Unit,
Cisco Systems, Inc.



Mr. Lang's team develops Cisco's leading network offerings for fixed and mobile operators, including service control and packet gateways. His team also develops service provider solutions for next-generation call control and signaling for voice over IP. Previously, Mr. Lang was Cisco's vice president of service provider marketing, including joint programs like Cisco Powered Networks. Past product responsibility included high-end routing, ATM, and the CiscoFusion architecture for switched internetworks. Mr. Lang received a B.S. degree in Electrical Engineering from Duke University and an M.S. degree in Operations Research from Stanford University.

Dr. Jan Uddenfeldt

Senior Vice President & Senior Advisor
Technology to CEO, Ericsson



Dr. Jan Uddenfeldt has been with Ericsson since 1978 and is currently Senior Vice President and Senior Advisor Technology to CEO. In this position he is responsible for the technology strategies for the Ericsson group as well as technology alignment with Ericsson's top ten customers. He got his MSc in Electrical Engineering in 1973 and his PhD in tele-transmission theory in 1978 from Royal Institute of Technology (KTH) in Stockholm. He also received an honorary Doctors degree (Dr. h.c.) from Lund University in 1996.

Dr. Peter Meissner

Operating Officer, NGMN Alliance

Dr. Meissner has over 30 years of experience in various telecommunication fields including more than 15 years of general management responsibilities with operators of mobile communication networks. Since July 2006, Dr. Meissner has been running his own company as an independent business consultant, focusing on innovation, strategy, and organization development in key areas of the telecommunications industry. One of his appointments is supporting the world's leading operators and manufacturers as Operating Officer of the Next Generation Mobile Network (NGMN) alliance. Dr. Meissner holds degrees in Telecommunications from the Technical College of Lübeck and University of Hannover.



Stein Hansen

Vice President Group Strategy, Telenor

Stein started his career in Telenor R&D, and had central international positions from the early beginning in the development of digital mobile communications. Stein has later had a number of operational Top Management positions working for mobile operators. He has also had several Board positions within the Telenor group through his career. Stein is currently at the Telenor Group Headquarters where he has headed Group Technology for the last few years. Stein is currently serving as Vice President, Group Strategy. Stein Hansen holds an M.Sc. degree in telecommunications from the Norwegian Institute of Technology, University of Trondheim.



Guest Keynotes:

Matthias Kurth

President, Federal Network Agency, Germany
(Bundesnetzagentur)

Matthias Kurth was appointed president of the former Regulatory Authority for Telecommunications and Posts (Reg TP) in March 2001. RegTP has since been renamed to Federal Network Agency (BNetzA). BNetzA is the sector-specific competition authority for telecommunications, postal, energy and railway markets in Germany including frequency management and digital signature. Mr Kurth joined BNetzA as Vice President in 2000. Prior he was since July 1999 member of the management of Colt Telecom GmbH as Director Business Development, Law and Regulation. From 1994 to 1999 Mr Kurth worked as State Secretary in the Hesse Ministry of Economics, Transport, Technology and European Affairs. Mr Kurth was member of the Hesse Land Parliament from 1978 to 1994 and worked as lawyer in Hesse.



Caroline Lewko

President and CEO, Wireless Industry Partnership

Caroline has been in the wireless/ telecom industry since 1995, as a coder, funder, business developer and entrepreneur and is known as the 'connector'. Caroline founded the Wireless Innovation Network of BC (WINBC) in 2001 and spearheaded the development and fundraising of Wavefront ac, a wireless commercialization centre in Vancouver. She started WIP to make the path easier for mobile developers, reduce cycle times and increase innovation in the mobile ecosystem, through events like Mobile Jam; Go to Market programs and tools; and the Secretariat of the Leadership Council for Developer Programs.



Moderators

Steve Bratt

CEO, World Wide Web Consortium

Steve joined the World Wide Web Consortium in 2002, and has primary responsibility for management of strategic planning, Member relations, the W3C Process, the Team, budget, legal matters, external liaisons, major events and special initiatives. Prior to joining the W3C, he served as Coordinator of the Comprehensive Nuclear-Test-Ban Treaty International Data Centre in Vienna, Austria; program manager at the Defense Advanced Research Projects Agency; and project manager at Science Applications International Corporation. Steve received his Ph.D. from the Massachusetts Institute of Technology, and his B.S. from the Pennsylvania State University.



Tom Keathley

AVP - Radio Access and Standards, AT&T

Tom is responsible for defining the roadmap for AT&T Mobility's RF technology and overseeing the standard efforts for RF, Core Network, and Services. He is active in many global industry organizations including GSM, NGMN and OMTP. Previously, he was Vice President - UMTS Enterprise Program Management responsible for the nationwide launch of UMTS/HSDPA. Tom has over 22 years of experience in the telecommunications industry and served in a number of leadership roles in Cingular, Southwestern Bell Mobile Systems, Cellular One and Southwestern Bell Telephone. He is a graduate of the University of Missouri - Rolla, where he earned a bachelor's degree in electrical engineering. He also holds a Masters Degree in Business Administration from Southern Illinois University.



Dr. Hossein Moïin

Group Vice President Technical Strategy,
T-Mobile International
Chair of NGMN Ecosystem Working Group

Dr. Hossein Moïin is the group vice president for technical strategy at T-Mobile, International where his main interest is in identification of innovative solution to mobile operators' business problems. Currently, he is leading the development of the ecosystem for the Next Generation Mobile Networks project, an industry-wide initiative that sets the future vision of the mobile industry. Previously, he led the technical strategy of T-Mobile for data services. Before joining T-Mobile, Dr. Moïin worked for Sun Microsystems in US and Europe to develop strategic platforms for telecommunication and financial sectors. Dr. Moïin has over twenty years of experience in the ICT industries and holds a Ph. D. from University of California in Computer Engineering.



Panellists:

Jean-Pierre Bienaimé

Chairman, UMTS Forum

Following a long and distinguished career within the telecommunications industry, Jean-Pierre Bienaimé has been Chairman of mobile industry association The UMTS Forum since his election in January 2003. Joined France Telecom (FT) in 1979. After the purchase of Orange by FT, Bienaimé was appointed Group Technical Support Director at Orange until December 2002. In this position, he provided technical and IT support to the business units and mobile affiliates of Orange and France Telecom worldwide, and contributed to Orange's corporate programmes such as re-branding and franchising.



Gaurav Garg

Venture Capitalist, Sequoia Capital

Gaurav Garg is a venture capitalist at Sequoia Capital focusing on systems and services investments. Prior to joining Sequoia Capital in 2001, Gaurav was a Founder and Senior Vice-President of Product Management at Redback Networks (RBAK). Earlier, Gaurav held various engineering positions at SynOptics and Bay Networks. Gaurav has a BS and MS in Electrical Engineering and a BS in Computer Science from Washington University in St. Louis.



Steve Jang

VP, Marketing and Business Development, imeem

Steve develops and drives content and technology partnerships, product management, and community marketing for imeem. Prior to joining imeem, he worked in digital media, business development and marketing roles at EMI Music, XUMA, WR & Hambrecht + Co, and Salon.com. Steve has a B.A. from the University of California, Berkeley and an MBA from the University of Southern California.



Tim Raby

Managing Director, OMTP

Tim joined OMTP 1st January 2006. Prior to joining OMTP, Tim was Head of Devices for O2 Group where he was responsible for all Terminal technology and Portfolio activity during the 3G launch period. Tim came to O2 via BT Internet and Genie which he joined in early 2000. During this period he played a key role in every part of the evolving mobile data value chain. Tim started his career as a software developer becoming a well known architect of voice and data financial trading room systems. As a director of Alphameric for 12 years he was involved in numerous data broadcast and Internet based projects.



Ronald Resnick

President and Chairman, WiMAX Forum

Ron serves as President and Chairman of the WiMAX Forum, a position he has held since 2004. He is employed by Intel as an executive member of the Mobile Wireless Group. Ron joined Intel in April of 2000 where, as Director of New Business Development for Intel's Corporate Technology Group, he managed technology commercialization efforts within Intel's labs and concurrently served as an Investment Director within Intel's New Business Initiatives. Before joining Intel, Resnick served in executive marketing and business development roles most recently as vice president of marketing of a computer peripherals company. Ron earned a Bachelor of Science degree in electrical engineering from Rutgers University.



Alex Sinclair

CTO, GSM Association

As CTO, Alex is responsible for managing the GSMA technical programme and coordinating all resources and activities. Alex's role encompasses technology & standards, products & services and programme management. Alex is a member of the Executive Management Committee.



Dr. Karim Taga

Managing Director, Arthur D. Little

Karim Taga is the Managing Director of the Vienna office of Arthur D. Little's German, Austrian and Central Eastern European operations. He specializes in telecommunications and he is a member of the TIME practice. Prior to joining Arthur D. Little in May 1997, Dr. Taga worked for several years at Ericsson. Karim Taga received a Master of Science in 1989 from the Ecole Supérieure de l'Energie et des Matériaux, Orléans France with a master thesis accomplishment at the University of California Berkeley. He received his Ph.D. from the University of Technology Vienna in 1992 followed by an MBA in International Business from the Webster University St Louis Mi in 1993.



Prof. Michael Walker

Group Research & Development Director, Vodafone Group

Michael Walker is the Group Research and Development Director for the Vodafone Group of companies. He is a member of the board of Vodafone Ventures, the venture capital arm of the company. He has held a number of positions with standards bodies, including chairmanship of the body responsible for the security aspects of UMTS. Before joining Vodafone, Michael was Head of Mathematics at Racal Research, and prior to that an academic at the University of Tuebingen in Germany. Michael is a Fellow of the Royal Academy of Engineering.



Dr. Walter Weigel

Director General, ETSI

Dr. Walter Weigel has been elected as Director General of the European Telecommunications Standards Institute (ETSI) from 1st September 2006. As a general manager he is responsible for all activities of the ICT standards organisation ETSI. Prior to this appointment, he held several positions as Vice President for Standardization & Regulation, Technology & Research within Siemens Corporate Technology and Siemens Mobile Networks. His responsibilities included world-wide standardization & regulation, as well as technology innovation and R&D. Walter Weigel holds a Ph.D. in Electrical Engineering and a Master of Science degree in Electrical Engineering, both from Technical University Munich.



Register now

for NGMN's 2nd Industry Conference on "An in-depth look at achievements of the NGMN Alliance and challenges facing mobile industry" on June 26th and June 27th, 2008 including the NGMN Demo Night and Get-Together with NGMN Board Members & Speakers on June 25th plus the NGMN Evening Event on June 26th, in Frankfurt, Germany

www.amiando.com/ngmn-2008

Address Conference Venue:

Maritim Hotel Frankfurt
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Reduced rate accommodation is available till May 19th at Maritim Hotel Frankfurt by quoting „NGMN".
Phone: +49 (0) 69 7578 1133

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