

Contributors

In this issue

Cristina Badulescu, who joined Ericsson in 1997, works with systems management, architecture and the standardization of Ericsson's IMS service layer. She has a Bachelor of Engineering degree in telecommunications from the University of Bucharest and a graduate degree in computer science from Concordia University (Montreal). While at Ericsson Research and Development, Canada, she has worked with access core networks, IP, and IMS messaging-based services. At present, she is the system architect of the Active Address Book solution and the standardization representative for the OMA Converged Address Book work item.

Mathias Larsson Carlander is the head of the product management group in Stockholm for Ericsson's Service Delivery Platform solution area. After graduating from Linköping University he joined Ericsson Research to work with image compression. In 2000 he became the chairman of the Swedish standardization group for JPEG and MPEG standards within ITS/SIS. As the focus shifted toward IT solutions and service delivery platforms, work in standardization also shifted toward scalable vector graphics. Eventually, Mathias moved to the business side to drive the development of service delivery platforms with emphasis on content management, service orchestration and media-related business.

Stefan Dahlfors joined Ericsson Research in 2007 to work as project manager of FTTx research. Prior to this he worked for Telia Research. He also co-founded Wavium (2000), where he served as director of development and later of sales. And he has served as a technical and marketing consultant for a variety of operators and vendors (2005-2006). He has an MSc and PhD in optical networking from the Royal Institute of Technology (Sweden).

Erik B. Dahlman received Master of Science and Doctor of Technology degrees from the Royal Institute of Technology (Sweden). He joined Ericsson Research in 1993, where he currently serves as Senior Expert in radio access. He has been involved in the development and standardization of 3G radio-access technologies since 1995. More recently he has been deeply engaged in work on 3GPP Long-term Evolution (LTE).

Andreas Fasbender joined Ericsson in 1997 and works as Senior Specialist in residential service architectures at Ericsson Research in Germany. Since 2004, following management roles in EU, research and customer projects, and a research director position at Ericsson Cyberlab Singapore, he has served as project manager for the Connected Home research area, which focuses

on the integration of home networking and telecommunications infrastructures, and supports a wide range of services, such as multimedia telephony, remote access, and IPTV. Andreas holds a PhD in computer science from the University of Technology in Aachen (Germany).

Pål Frenger joined Ericsson Research in 1999 to work with access technologies and signal processing (ASP). In 2005 he began working with wireless access networks. At present, he works with the development of the LTE Advanced concept, in areas like smart repeaters and automatic radio network tuning. Pål holds a PhD from the Department of Signals and Systems, Chalmers University of Technology (Sweden).

Anders Furuskär joined Ericsson in 1990. As an Expert in wireless access networks at Ericsson Research, his current focus is on radio resource management and performance evaluations of radio access networks, including the long-term evolution of 3G (LTE). He holds MS and PhD degrees in radio communications systems from the Royal Institute of Technology (Sweden).

Martin Gerdes joined Ericsson in 1999. He currently serves as Senior Researcher at Ericsson's Service Layer Technologies research branch in Aachen, Germany. His recent focus has been on end-to-end solution architectures and prototype development of future multimedia services that involve mobile devices, residential networks and operator enablers. Between 2002 and 2004, Martin worked on assignments as solution architect for market units in Germany and Japan, developing new customer offers based on Ericsson's service layer products.

Nancy Greene has worked in IMS since joining Ericsson in 2001. She has been an active member in 3GPP2, 3GPP and OMA standardization in IMS and service layer areas, including messaging interworking. At present, she is System Manager of Ericsson's IMS Messaging solution.

Fredrik Gunnarsson joined Ericsson Research in 2001. His research interests include simplified radio network management, radio resource management, radio network modeling and simulations. Fredrik is a Senior Research Engineer at Wireless Access Networks, Ericsson Research, and a part-time Associate Professor in automatic control at the University of Linköping. He holds MSc and PhD degrees in electrical engineering from the University of Linköping.

Åke Gustafsson, who joined Ericsson in 1986, is an Expert in messaging and multi-

media. During the past 15 years he has worked as system manager of a variety of messaging systems, from paging in the early 1990s to state-of-the-art IMS messaging. He invented Ericsson's enriched messaging architecture and is currently the architect of Ericsson's Multimedia Communication Suite (MCS).

Johan Hjelm is a Senior Research Engineer at Ericsson Research Japan where his work focuses on the intersection of telecommunications technology and home multimedia networks. He joined Ericsson in 1997 and has served as Ericsson's representative to the W3C and as vice chair of the OMA architecture group. Johan has more than 20 years in the IT industry, has five published patents, and is the author of twelve books.

Dave Hood was with Ericsson-Raynet during the 1990s and rejoined Ericsson as part of the Entrisphere acquisition in 2007. After obtaining an MSEE from Stanford, Dave has worked for Nortel, Ciena, and a handful of Silicon Valley telecom startups, including Entrisphere. He is currently editor of ITU-T recommendation G.984.4, which defines the GPON management model.

Ylva Jading joined Ericsson in 1999 and took up her current position at Wireless Access Network, Ericsson Research in 2004. During her time at Ericsson she has verified TDMA and WCDMA radio system characteristics in laboratory and field measurements. Her current emphasis is on developing LTE and LTE Advanced radio access technology through, among other things, standardization activities. She holds an MSc in engineering physics from Chalmers Technical University (Sweden) and a doctorate from Johannes-Gutenberg Universität (Germany).

Carlos Jaramillo joined Ericsson in 1993 to work as a support engineer in Colombia. In 1997 he joined a local operator to serve as manager of the operation and maintenance department. In 2001, he rejoined Ericsson in Montreal to work as product manager of TDMA/CDMA HLR/AC. And in 2007 he became technical product manager of the MCS Solution. Carlos holds an MSc in electrical engineering from Universidad Pontificia Bolivariana (Colombia) and an MBA from Externado University of Colombia.

Harald Kallin joined the cellular systems division at Ericsson in 1984. He has been at Ericsson Research since 1992 where he became an Expert in radio networks in 1998. His work spans from standardization to system design and the evaluation of radio networks. Harald has conducted on-site performance evaluations

of more than twenty cellular networks spread over five continents and six different wireless standards. He holds an MSc in electrical engineering from the Royal Institute of Technology (Sweden).

Ralf Keller, who joined Ericsson Germany in 1996, is currently a member of Ericsson's Softswitch Evolution development unit where the focus of his work is on the coexistence and migration aspects of circuit-switched and IMS networks. He is also active in 3GPP standardization. Previously, at Ericsson Research, he served in a variety of positions, most recently working with the evolution of 3G towards future-generation systems and, in particular, support for voice services in converged systems. He holds a doctorate in computer science from the University of Mannheim.

Bo Kvarnström, who joined Ericsson in 1984, has an MSc in applied physics and electrical engineering from Linköping University. He participated in early trials of GSM and was system manager for the first releases of the GSM BSC. In the mid-1990s he joined Ericsson Research and initiated work in self-configuring management networks. In 1994, he was appointed an Expert in radio access networks and worked with access networks of all mobile standards. He also spent three years working with Mobile Operation and Support Systems. At present, Bo serves as Senior System Architect of Ericsson home gateways.

Marc LeClerc has been involved in the computing and communications industries since 1982 working with software and hardware product design, product management, and marketing. He joined Ericsson in 1998 and has since become a key advocate of the evolution of the service layer business. Marc is a member of the Service Innovation group at Ericsson's Multimedia business unit. He is also a frequent speaker at industry events. In addition, he is manager of the Mobility World Global IMS Expert Center at Ericsson Canada, helping third-party developer partners to create and bring IMS applications to market. He holds a BSc in mathematics and computing and an MBA both from McGill University (Canada).

Ove Linnell joined Ericsson in 1990 and has since held several management positions. During the past ten years he has led Ericsson's research group in Linköping, working with wireless access networks. The current focus of the group is on radio network management issues. He holds a BSc in system analysis from the University of Linköping.

Hans Mickelsson, who joined Ericsson in 1993, has held a variety of positions working with components, architectures and standards for fiber access networks. Between 1998 and 2000 he was at Telia Research working with techno-economic studies, strategies and con-

cept development for FTTH. Since 2000, he has been at Ericsson Research serving, among other things, as project manager and Senior Specialist in fiber and Ethernet-based broadband access architectures. At present, he manages the Connectivity & Protocols research group. Hans holds an MSc in measurement techniques from South Bank University (UK).

Johan Moe joined Ericsson in 1993 to work with verification and software design in the OSS product unit. Among other things, he was part of the team that developed the radio network experts in the late 1990s. Johan currently holds a position as a Senior Research Engineer at Wireless Access Networks where the focus of his work is on simplified radio network management. He holds a PhD in computer science from the University of Linköping.

Rogier Noldus started his career in South Africa working for various telecommunications companies. He joined Ericsson in 1996, where he is currently Senior Specialist, value-added services. He has contributed actively to the development of the intelligent networks standard "CAMEL" in ETSI and 3GPP. He is also involved in the integration of GSM/UMTS networks with IMS, and has filed more than 50 patent applications. Rogier holds a BSc in electrical engineering from the Institute of Technology, Utrecht, and a Masters of Engineering (telecommunications) from Witwatersrand University, Johannesburg.

Johan Olander is an engineer and generalist with 17 years experience from leading engineering and management positions in strategic product-, system- and business-development programs at Volvo Car Corporation, Ericsson Telecom, the Swedish Defence, Swedish Health Care, SAAB Automobile, and Ericsson-Hewlett Packard. Johan also started and led the product strategy and management team at Drutt Corporation, which was acquired by Ericsson in June 2007. Today he leads the product strategy team that drives the former Drutt MSDP product at Ericsson.

Stefan Parkvall joined Ericsson Research in 1999 and is currently a Senior Specialist in adaptive radio access, working with research on, and the standardization of, future cellular technologies. He received a PhD in electrical engineering from the Royal Institute of Technology (Sweden). He previously served as assistant professor in communication theory at the Royal Institute of Technology and as a visiting researcher at the University of California, San Diego.

Justus Petersson is a Senior Specialist in the field of service layer technology at Ericsson's Multimedia business unit. He holds an MSc in electrical engineering from the Lund Institute of Technology. Justus joined Ericsson as a software engineer to help develop Swedish defense systems and 3G baseband. He

has since mainly worked in the area of 3G radio network algorithms and end-to-end system studies.

Peter Postmus joined Ericsson Netherlands in 1997, working on the FOS flexible formatter and the MGW announcement machine. In 2001 he moved to Ericsson Canada where he has served as systems designer of the IMS service layer. For instance, he participated, among other things, in basic IMS services, E-AS and IMS-Messaging server/EMG projects. He is currently a member of the MCS solution SAT team.

Guillermo Saavedra, who joined Ericsson in 2000, currently serves as Technical Product Manager for the IMS Multimedia team in Montreal. Prior to this he held a variety of roles in the international business and account liaison areas for market and development units as well as technical roles for solution management and system integration. Guillermo holds a degree in electronics engineering from Universidad Simón Bolívar (Venezuela).

Martin Servant joined Ericsson in 1997 to work briefly in technical support and the deployment of Jambala SCP systems. In 2000, he joined the design team and eventually became an IMS solution architect focusing mainly on the client applications that promote IMS services and capabilities.

Robert Skog is an Expert in the service layer at Ericsson's Multimedia business unit. After completing an MSc in electrical engineering from the Royal Institute of Technology (Sweden), he joined Ericsson's two-year trainee program for system engineers. Since then, he has mainly worked in the service layer area with everything from the first WAP solutions to today's connected home. In 2005, Robert was awarded the prestigious Ericsson Inventor of the Year award.

Elmar Trojer joined the access signal-processing laboratory at Ericsson Research in 2005 where he worked two years on concepts for copper network classification and dynamic line management for DSL. Since 2007 he has specialized in system architecture and the design of high-speed passive optical networks. He holds a PhD in cryptography, an MSc in electrical engineering, and an MBA from the Technische Universität and Universität für Wirtschaft (Austria).

Bo Åström is Expert in system and service architectures at Ericsson's Networks business unit. After joining Ericsson in 1984 he worked with mobile telephony and the standardization of GSM, PDC and UMTS systems. Then, in the mid-1990s, he shifted his focus to service implementations based on mobile internet and service layer technologies. Most recently, Bo has worked with IMS and service implementations based on the IMS architecture.