



**Meeting Subject:** M2M Network Infrastructures for Massively Distributed Smart City Applications

**Venue:** TDC Corporate Headquarters, Copenhagen, Denmark

**Date:** Wednesday 30 September 2015

**Chair:** Jesper Thestrup (IN-JET)

**Distribution:** All speakers

Speakers	Affiliation
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### Key Note Speakers



**Birgit de Boissezon, Head of Unit, European Commission, DG Research & Innovation**

*Societal Challenges: A Systemic View on Sustainable Smart Cities*

Birgit de Boissezon is the Head of Unit in the European Commission for 'Sustainable Management of Natural Resources', DG Research & Innovation - Sustainable Management of Natural Resources. The Unit defines and implements - supported by Horizon 2020 - objectives and priorities for nature-based solutions with economic, social and environmental benefits, with the aim to re-nature cities, adapt to climate change, restore biodiversity and ecosystems, increase resilience and valorise cultural heritage. Earlier, she held a European Commission position related to strategy and policy, planning and evaluation of EU research framework programmes. Birgit de Boissezon has a degree in biology from the University of Copenhagen.

The European Commission (EC) represents the interests of the EU as a whole. The R&I policy of the EU is to promote positive, innovative responses to societal challenges; inspired and supported by nature, maintain or enhance natural capital and simultaneously meet environmental, social, and economic objectives. The Directorate-General for Research and Innovation defines and implements the R&I policy with a view to achieving the goals of the Europe 2020 strategy and its key flagship initiative, the Innovation Union.

 [ec.europa.eu](http://ec.europa.eu)



**Rick Merritt, Silicon Valley Bureau Chief, EETimes**

*Networking Smart Cities: A Guide to the New Digital Urban Warfare*

Based in San Jose, Rick writes news and analysis about the electronics industry and the engineering profession for EE Times. He is the editor of the Android, Internet of Things, Wireless/Networking, and Medical Designlines. He joined EE Times in 1992 as a Hong Kong based reporter and has served as editor in chief of EE Times and OEM Magazine.

EE Times (Electronic Engineering Times) is an online electronics industry magazine published in the United States by UBM Canon, a division of UBM plc. EE Times online offers design and engineering resources for engineers and engineering managers involved in the electronics sector.

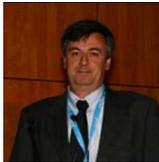
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# ALMANAC

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## Speakers



**Roberto Gavazzi, Program Manager, Telecom Italia**  
*ALMANAC Capillary Network Gateway Technologies*

Roberto Gavazzi has spent more than 15 years in Telecom Italia Laboratories in the telecommunication area focusing first on network management. Afterward Roberto was responsible for the "Service Management" functional unit. In the last years Roberto has been responsible for: Programs (projects cluster) of Service Developments for Telecom Italia and Client Area Management for TILab internal Customers (TI Marketing and Network Departments). In this last period Roberto is managing projects; both European funded and Italian on Smart City, Smart Grids and Internet of Things services. In particular, he is now responsible for the so called Open Air Lab that is the Smart City innovation Lab in Telecom Italia Lab Torino.



*Telecom Italia Lab* is the R&D branch of the Telecom Italia Group. Telecom Italia Lab took part in the definition and consolidation of the GSM standard, Mp3 and optical transmission. The core competences are cloud, M2M and Future Internet technologies.

 [www.telecomitalia.com](http://www.telecomitalia.com)



**Peter Rosengren, CEO, CNet Svenska AB**  
*Federated and Scalable Data Management in the ALMANAC Clouds*

Peter Rosengren is the CEO of CNet and one of the founders of the company. He has a degree of Licentiate of Technology in computer science from the Royal Institute of Technology, Stockholm. His current R&D interest is focused on ambient intelligence, semantic web and interoperability, ontologies, mobile and wireless collaborative applications, middleware for device and service discovery, service orchestration and event management architectures, energy efficiency solutions.



*CNet* is a leading-edge software house specialising within semantic technologies for networked embedded environments. CNet contributed to establishing the Internet of Things and Services, where both physical devices and services can be seamlessly integrated into networked application.

 [www.cnet.se](http://www.cnet.se)



**Joachim Schonowski, Senior Project Manager T-Labs, Deutsche Telekom AG**  
*reTHINK: A new Communication Infrastructure Supporting Smart Cities*

Joachim Schonowski started his career as High Potential at Deutsche Telekom in 1999. The Senior Product Manager introduced since 2001 new messaging services like EMS and MMS for T-Mobile. Since 2003 he developed the initial User Experience strategy of T-Mobile and was responsible for the documentation, testing and integration into the Western-European device portfolio. Between 2006 and 2008 he complemented his overview on the ICT market as Senior Business Consultant at T-Systems in various internal and external projects some on board level. His curiosity concerning new topics and the interaction with research departments led him to T-Labs. Currently he works on integrated communication concepts regarding "Future Workplace", which relinquishes email within the internal communication and temporary social networks. In addition since 2013 he took over the responsibility for the topic

*Telekom Innovation Laboratories (T-Labs)* is the central research and innovation unit of Deutsche Telekom. In cooperation with the operating units of the Group, T-Labs generates new ideas and makes a significant contribution in the development and implementation of innovative products, services and infrastructure for Telekom's growth areas. T-Labs' global network of industry partners, start-ups, universities and research institutes as well as its locations in Germany, the U.S. and Israel ensures close integration with the



**Steffen Ring, CEO, Ring Advocacy**

*M2M spectrum opportunities in the 700 MHz range. The ITU World Radio Conference 2015 sets the stage*

Steffen Ring has served for corporations such as Storno A/S in Denmark, General Electric Inc, Motorola Inc., and Mobile Data International Inc. (Canada) and throughout liaised close with national and international authorities to agree the technical terms and conditions for bringing foreign Radio Frequency equipment onto the market and into operation in a fully compliant manner. Ring also works closely with the European Commission representing Industry and assisted in the inauguration of ETSI in France 1989. This year Ring established Ring Advocacy and represents DI/ITEK in the Danish government delegation to ITU-R WRC.



*Ring Advocacy* LLC works for the benefit of all industries, small, medium sized and large, planning to launch and market products making use of radio frequency spectrum. We offer advice and even political influence to seek traction for regulatory policies, which are manageable by industry and at the same time achieve the political goals.

 [www.ringadvocacy.com](http://www.ringadvocacy.com)

### Session 3: Business Aspects of Smart City Infrastructures



**Nils-Henrik Faber, Engagement Manager, Ericsson**

*Business opportunities in Network Technologies*

Nils-Henrik Ballegaard Faber, Engagement Manager, is the business driver for Internet of Things in Ericsson Danmark A/S. He has a MSc in Electrical Engineering from Aalborg University. He has been working with operational and business consulting towards telecommunication providers for many years and has for over 5 years also been heavily engaged with business transformations in the connected reality. He has been working numerous engagements within industry, transport and smart buildings - with customers and partners.



*Ericsson* is the leader in the development and deployment of LTE systems. Ericsson is also continuing research into innovative solutions for GSM, WCDMA and CDMA, which now provides cost-effective mobile-data connections and mobile broadband modules are connecting a growing range of devices, systems and even vehicles to the internet.

 [www.ericsson.com](http://www.ericsson.com)



**Adam Armer, Innovation Manager, Vodafone, UK**

*Building Digital Societies at Vodafone*

Adam Armer is Business Development & Innovation Manager within Vodafone Group M2M Strategy Division. He has a degree in Accounting & Law from the University of Manchester and has worked across Fortune 500 technology companies in finance, operations, sales & strategy roles. He was the leading design and delivery manager for Google's Play Store launch in Europe and has worked with likes of Apple, Samsung and Lenovo on channel & service development across the EU. For the past 12 months Adam has worked on developing Vodafone's IoT & M2M strategy, with a particular focus on Smart Cities.



*Vodafone Group plc* is the world's 2nd-largest mobile telecommunication company measured by both subscribers and 2013 revenues (behind China Mobile), and had 434 million subscribers as of 31 March 2014. Vodafone owns and operates networks in 21 countries and has partner networks in over 40 additional countries.

 [www.vodafone.com](http://www.vodafone.com)



**Peter Lange, Executive IT Architect, IBM**

*From the Modern City to the Smarter City - from Optimization to Innovation and Transformation of Service Delivery*

*IBM* provides ICT products and services



### **Mia Nyegaard, Member of CPH Municipal Council**

*How smart is it to live in a Smart City? – Insightful Perspectives on Data Privacy*

Mia Nyegaard holds masters in Political Science and African Studies from the University of Copenhagen. Mia is the co-founder and CEO of Friis-Holm Chokolade A/S and has previously worked in private and public organisations in Copenhagen, London, Malmø and Bruxelles. Presently, she is also a member of the Copenhagen Municipality Council elected for the social-liberal political party "Radikale Venstre", where she is the party's spokesperson in social matters.



*Copenhagen Municipality* is the largest of the municipalities making up the city of Copenhagen. In 2014, Copenhagen won the World Smart Cities Award in the Best Project category for the Copenhagen Connecting project. Utilising the collection of digital data, the project creates a green city, and improves quality of life.

 [www.kk.dk](http://www.kk.dk)

### **Organisers**



### **Jesper Thestrup, CEO, In-JeT ApS**

Jesper Thestrup is the CEO and founder of In-JeT. He has a MSc. degree in Electronic Engineering and later obtained degrees in business administration from the Copenhagen Business School and INSEAD. He worked for a number of years as executive manager in a globally leading medical electronics company in Denmark and in the USA. He has been involved in Internet of Things technology and programme activities for over 10 years, including many EU and national research projects in which he often acts as chief vision architect. He was on of the leading participants in the MovingLife project setting up roadmaps for mHealth for the European Commission. He has authored and co-authored several papers on IoT and eHealth topics.



*In-JeT ApS* is a private research company and a provider of Internet Based Services and Products. Since 1998, In-JeT ApS has been engaged as concept and technology developer in Internet Based Services such as Cloud and Internet of Things and has extensive technical knowledge about wireless technologies, networks, semantic interoperability, web services, and knowledge management.

 [www.in-jet.dk](http://www.in-jet.dk)



### **Trine F. Sørensen, Project Coordinator, In-JeT ApS**

Trine has a master degree in Gender, Culture and Modernity from the Sociology Department, Goldsmiths College, University of London. She later received a MSc. in Anthropology from Copenhagen University. He has been working intensively with social and societal issues and has participated in several comparative project studies, especially in the healthcare sector. Her professional experience includes employment with governmental committees, private organisations and companies.



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