6th International Conference on Mobile Networks And Management

Call for Papers

**Würzburg, Germany
22-24 September 2014**
www.mon-ami.org

Highlights:

- The event is endorsed by the European Alliance for Innovation, a leading community-based organization devoted to the advancement of innovation in the field of ICT
- All accepted papers will be published by Springer and made available through SpringerLink Digital Library, one of the world's largest scientific libraries

Aim and Scope

MONAMI 2014 aims at bringing together top researchers, academics and practitioners specializing in the area of Mobile Network Management, Service Management, Virtualization and Object Management.

Multiaccess and resource management, mobility management, and network management have emerged as core topics in the design, deployment and operation of current and future networks. Yet, they are treated as separate, isolated domains with very little interaction between the experts in these fields and lack cross-pollination. Recently, new avant-garde techniques and solutions have emerged; Network Functions Virtualization, Software-Defined Networking, Network Virtualization and the Cloud Paradigm have taken roots. All in all, these techniques bring about new requirements and scientific challenges, and migration ways are required to provide a safe transition from today's legacy systems to future systems. At the same time new wireless broadband access technologies like 5G are are posing new challenges and requirements that need to be taken.

MONAMI 2014 offers the opportunity to leading researchers, industry professionals and academics around the world to meet and discuss the latest advances in these areas and present results related to technologies for true plug-and-play networking, efficient use of all infrastructure investments, and access competition. The aim of the forum is to disseminate the latest innovative mobile network solutions for increased competition and cooperation in an environment with a multitude of access technologies, network operators and business actors.

Topics

- Multiaccess networks and resource management
- Mobile network management and virtualization
- Future 5G network architecture
- Operation and management of virtualized network functions
- Mechanisms leveraging the interplay between network functions, virtualization and SDN
- Joint management and orchestration of cloud and networking infrastructure
- Future Internet architectures with smart objects
- Energy efficiency for multiaccess networks
- Emerging multimedia services, service enablers and management
- IEEE and 3GPP management standards and enabling technologies
- Design, implementation, and testbed/experimental evaluations
- Service and application management platforms
- Autonomic network monitoring and management
- Architecture and design of new services with smart objects, e.g., in smart home and AAL
- Energy-efficient, self-organized access and routing schemes for smart object systems
- Security solutions for managed and infrastructureless networks
- Management of wireless cognitive networks
- Traffic models and analysis for future networks

Committee:

General Chairs:
Phuoc Tran-Gia, University of Würzburg, Germany
Andreas Timm-Giel, Hamburg University of Technology, Germany

Technical Program Committee Chairs:
Thomas Zinner, University of Würzburg, Germany
Ramon Aguero, University of Cantabria, Spain

Tutorials Chair:
Oliver Blume, Alcatel-Lucent Bell Labs, Germany

Financial Chair:
Maciej Muehleisen, Technical University of Hamburg-Harburg, Germany

Web Chair:
Jarno Pinola, VTT Technical Research Centre of Finland, Finland

Panel Chair:
Andreas Mäder, NEC Laboratories Europe, Germany

Technical Program Committee:
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Pedro Aranda (Telefonica)
Javier Baliosian (Universidad de la Republica)
Oliver Blume (Alcatel-Lucent Bell Labs)
Eduardo da Silva (University of Parana)
Antonio De Domenico (CEA-LETI) Lucio Ferreira (INOV)
Anna Förster (University of Applied Sciences and Arts of Southern Switzerland)
Alex Galis (University College London)
Marta García-Arranz (University of Cantabria)
Rossitza Goleva (Technical University of Sofia)
Marco Hoffmann (NSN)
Oliver Hohlfeld (RWTH Aachen)
Jyrki Huusko (VTT)
Wolfgang Kellerer (Technische Universität München)

Paper Submission

We encourage submissions of high-quality technical papers reporting original research that has not been previously published, and is not currently submitted for consideration elsewhere. Full Papers should not exceed 14 pages in the Springer Lecture Notes of ICST (LNICST) format and must be submitted by

17 April 2014 .

LNICST templates are available from www.springer.com/computer?SGWID=0-146-6-564009-0.

All submitted papers will be peer-reviewed by at least three independent reviewers, including a TPC member to ensure high quality and relevance to the topics of the conference. All accepted papers will be published in the Springer Lecture Notes of ICST series and then be included in major article indexing services.

Selected papers may be invited to publish in the EAI Endorsed Transactions "Mobile Communications and Applications" http://eai.mailmta.com/nl/l.jsp?uH.BJC.gAi.JL.B3.2apM

Authors of the best accepted papers will be invited to submit extended versions of their papers to an ACM/Springer Mobile Networks and Applications (MONET) Special Issue.

Special Session on SDN

Software Defined Networking (SDN) marks a paradigm shift in networking by the separation of the control and forwarding plane in network elements allowing programmability based on a centralized view on the network. In particular, mobile networks benefit from the new concept introduced by SDN and related concepts such as network virtualization and network function virtualization based on cloud technologies. As part of the main conference program a Special Session grouping papers on this topic will be organized.

CALL FOR TUTORIALS

We invite perspective tutorial speakers to submit relevant proposals for a half-day tutorial. The scope of the tutorial proposal should be within the interest of MONAMI attendees (see Aim and Scope and topics of interest). In addition, tutorial proposals on related and complementary topics, e.g. mobile devices or applications, smart grids or alternative energy supply are welcome. Each tutorial proposal should include the title, objectives, abstract, outline, and indented audience.

A short biography of each tutorial presenter should also be submitted along with the list of conferences/events that this tutorial has been previously presented.

Tutorial speakers will be compensated as per standard ICST guidelines.

Please submit your proposal in electronic form to the Tutorials Chair at tutorials_monami@tlmat.unican.es by 8 April 2014.

Publishing and indexing

Accepted papers will be published in Springer's LNICST series and will appear in the SpringerLink, one of the largest digital libraries online that covers a variety of scientific disciplines, as well as in the ICST's own EU Digital Library (EUDL). LNICST volumes are submitted for inclusion to leading indexing services, including DBLP, Google Scholar, ACM Digital Library, ISI Proceedings, EI Engineering Index, CrossRef, Scopus. See http://www.springer.com/computer/lncs?SGWID=0-164-6-1068921-0 for more information about indexing. (Lecture Notes in Computer Science).

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Muriel Medard (MIT)
Maciej Mühleisen (Technical University of Harburg-Hamburg)
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Liam Murphy (UCD Dublin)
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