

International Conference on Networked Systems 2017

March 13-17, 2017 – Göttingen, Germany

CALL FOR PAPERS

The Conference on Networked Systems (NetSys 2017) provides an international forum for engineers and scientists in academia, industry, and government to discuss recent innovations in the realm of networked systems – including aspects of networking, distributed systems, communications, middleware, and applications. NetSys conference proceedings will be published in IEEE Xplore®.

NetSys is a biennial event that originates from the key scientific conference on networked systems in German-speaking countries *KiVS (Kommunikation in Verteilten Systemen)* – which was initiated 37 years ago and has international orientation since 2013. NetSys is organized by the special interest group “Communication and Distributed Systems” (KUVS), which is anchored both in the German Computer Science society (Gesellschaft für Informatik (GI)) and in the Information Technology society (Informationstechnische Gesellschaft im VDE (ITG)).

NetSys solicits submission of high-quality, original scientific papers presenting novel research on the wide range of networked systems, including but not limited to:

- Network architectures and protocols
- Transport- and application-layer protocols
- Peer-to-peer and overlay networks
- Software-defined networking and network/functionality virtualization
- Mobile, ad-hoc, opportunistic, vehicular and sensor networks
- Middleware architectures and platforms for networked systems
- Internet of Things (IoT)
- Cloud computing, mobile cloud computing
- Network/cyber security and privacy
- Smart grid
- Information-centric networking, content distribution and retrieval
- SoA, web services, and mobile services
- Consistency, reliability, availability, and programming support
- Social networks, social computing, data-intensive computing (big data)
- Methods for design, implementation and analysis of networked systems
- Cyber-physical systems
- Green networks and green networked systems
- Emerging networked applications

Separate workshops, tutorials, poster/demonstrations, and a doctoral forum will complement the technical sessions. Manuscripts will undergo a thorough process of peer reviews by at least three members of the technical program committee. Accepted and presented papers will be published in the conference proceedings and submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases. Submission implies that at least one author will register and attend the conference to present the publication if the paper is accepted.

IMPORTANT DATES

Paper Registration: **September 8, 2016** **Paper Submission:** **September 15, 2016 (extended)**

Author Notification: November 13, 2016 **Final Manuscript:** December 20, 2016

SUBMISSION GUIDELINES

All submissions must be original, unpublished, and not considered elsewhere for publication. Papers must be 8 pages long or less, including references, figures and tables (at least 10pt font, 2-column format).

IEEE LaTeX and Microsoft Word templates, as well as formatting instructions, are available [online on this website](#).

Contributions should be submitted electronically as PDF, using the [IEEE conference publishing template](#), via the conference submission website: <https://edas.info/newPaper.php?c=21785>.

Each paper will undergo a thorough process of peer reviews by at least three members of the technical program committee. All papers accepted in the main conference, selected workshops and the PhD forum will be included in the conference proceedings, which will be made available at the conference. Submission implies that at least one author will register and attend the conference to present the publication if the paper is accepted.

ORGANIZATION COMMITTEE

General Chairs

Volker Hilt	Bell Labs, Nokia
Dieter Hogrefe	University of Göttingen

TPC Chairs

Xiaoming Fu	University of Göttingen
Michael Welzl	University of Oslo

Local Organization Committee

Mayutan Arumathurai	University of Göttingen
David Koll (Chair)	University of Göttingen
Federica Poltronieri	University of Göttingen
Carmen Scherbaum	University of Göttingen

Web Chair

Diego Lugones	Bell Labs, Nokia
---------------	------------------

Publications Chair

Ruichuan Chen	Bell Labs, Nokia
---------------	------------------

Publicity Chairs

Yang Chen	Fudan University
Yevgeni Koucheryavy	Tampere University of Technology
Martin Stiemerling	Darmstadt University of Applied Sciences

Workshops Chairs

Stephan Sigg	Aalto University
Lars Wolf	Technische Universität Braunschweig

Poster/Demo Chairs

Kurt Geihs	University of Kassel
------------	----------------------

Stefan Secci

PhD Forum Chairs

Falko Dressler

Oliver Hohfeld

University of Pierre and Marie Curie (Paris 6)

University of Paderborn

RWTH Aachen University