

# Design of Reliable Communication Networks

March 8-10, 2017

Courtyard by Marriott Munich City Center



## Call for Patrons

13th International Conference on Design of Reliable Communication Networks  
(DRCN 2017)

8 – 10 March 2017, Munich, Germany

<http://www.drcn2017.de>

### GENERAL CO-CHAIRS

Dominic Schupke, Airbus Group, Germany

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Achim Autenrieth, ADVA Optical Networking, Germany

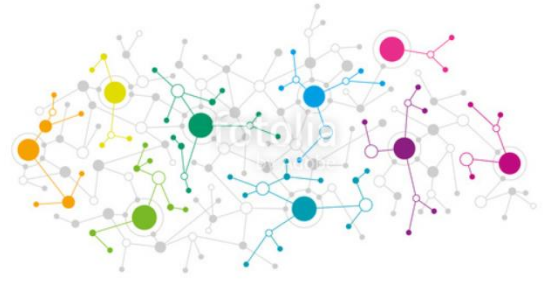
Massimo Tornatore, Politecnico di Milano, Italy



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INFORMATION TECHNOLOGY SOCIETY  
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## **International Conference on Design of Reliable Communication Networks (DRCN 2017)**

<http://www.drcn2017.de>

March 8-10, 2017 – Munich, Germany

### **SCOPE**

The International Conference on Design of Reliable Communication Networks (DRCN) is a forum for presenting excellent results and new challenges facing the field of the reliability and availability of communication networks and services. It brings together experts from industry and academia, experienced in engineering, design and research. We would like to invite you to contribute to and participate in DRCN 2017, which will be held in the inviting city of Munich, Germany.

DRCN, the International Conference on the Design of Reliable Communication Networks, is an event that has been set up to provide a forum of presentations and discussions of recent developments and future trends in communication networks and network subsystems, focusing on all aspects of network reliability.

The preceding events have been held as follows:

- DRCN 2016: Paris, France, 15-17 March 2016. Proceedings: IEEE Xplore
- DRCN 2015: Kansas-City, USA, 25-27 March 2015. Proceedings: IEEE Xplore
- DRCN 2014: Gent, Belgium, March 31 - April 2014. Proceedings: IEEE Xplore
- DRCN 2013: Budapest, Hungary, 4-7 March 2013. Proceedings: IEEE Xplore
- DRCN 2011: Krakow, Poland, 10-12 October 2011. Proceedings: IEEE Xplore
- DRCN 2009: Washington, DC, USA, 25-28 October 2009. Proceedings: IEEE Xplore
- DRCN 2007: La Rochelle, France, 7-10 October 2007. Proceedings: IEEE Xplore
- DRCN 2005: Island of Ischia, Italy, 16-19 October 2005. Proceedings: IEEE Xplore
- DRCN 2003: Banff, Alberta, Canada, 19-22 October 2003. Proceedings: IEEE Xplore
- DRCN 2001: Budapest, Hungary, 7-10 October 2001
- DRCN 2000: Munich, Germany, 16-19 October 2000
- DRCN 1998: Bruges, Belgium, 17-20 May 1998

# TOPICS OF INTEREST

## **Reliable network design and operation**

- Traffic engineering for survivability in optical, IP and multi-layer networks
- Robustness of multi-domain networks and protocols
- Resilience in Software-Defined Networking (SDN)
- Resilience in Multilayer and Multi-Domain Network Orchestration
- Reliability aspects of Network Functions Virtualization (NFV)
- Network dependability in cloud networking
- Dependability of 4G and 5G cellular/mobile networks
- Survivability of converged optical/wireless network architecture for 5G
- Reliability of wireless access and mesh networking
- Survivability in grid and distributed (fog) computing
- Resilience of networked critical infrastructures
- Network resiliency against natural and man-made disasters
- Testbed and field-trials targeting network survivability demonstration

## **Theory and modeling**

- Network reliability analysis
- Methods for survivable network and systems design, analysis and operation
- Planning and optimization of reliable networks, systems, and services
- Network coding techniques to improve resilience
- Service differentiation based on recovery methods
- Simulation techniques for network resilience

## **Resilience of Networked Services**

- Quality of Experience (QoE) and network service availability assessments
- Reliability requirements and metrics for users, businesses, and the society
- Dependability of networked applications
- Survivability of multimedia networks
- Reliable networks for the Internet of Things (IoT)
- Reliability and resiliency of data center networks
- Recovery of overlay and peer-to-peer networks
- Restoration of services under various types of failures
- Application and service-specific survivability techniques
- Robustness of compound services

## **Telecommunication Reliability Issues for Government, Enterprises and Society**

- Telecommunication networks as an element of critical infrastructures
- Reliable services for verticals (automotive, smart cities, ...)
- Risk and reliability in the Internet and enterprise networks
- Public policy issues for survivability and resilience
- Standardization of network resilience and reliability
- Network resilience combined with economics and commercial issues
- Emergency networks and robustness of smart city infrastructures
- Robust network design for hostile environments
- Security issues in networks and their relation to survivability
- Network dependability and energy consumption trade-offs

## Target Audience

International Conference on Design of Reliable Communication Networks (DRCN) is designed for practitioners, researchers, scientists and administrators, in the development arenas. DRCN provides discussions and networking in the communication technology at the broad level and broadcasting technology and related technologies at the micro level. Through a set of research papers, using innovative and interactive approach, participants can expect to share a set of research that will prepare them to apply new technologies to their.

## Participants

Expected are 100 international experts.

## Levels of patronage

Four levels of patronage include benefits in creating corporate awareness among the network reliability experts (both from academia, including students and industry participants) at DRCN. The DRCN 2016 Patronage Chairs will work with your company to tailor these patronage packages to maximize the value of the patron opportunity to your circumstances. In addition, there is the opportunity to sponsor particular conference events such as the DRCN 2017 Banquet, the Welcome Reception, and the Social Event.





## **Platinum 7,500 Euro**

- Three complimentary Full registrations for the DRCN 2017 conference
- Logo on all conference programs
- Logo on conference website, with link to your company website
- Full-page company-supplied description in the DRCN 2017 final program
- Explicit naming of your company at the banquet to highlight the conference patronage
- Company-supplied banner prominently displayed during the entire Conference

## **Gold 5,000 Euro**

- Two complimentary Full registrations for the DRCN 2017 conference
- Logo on all conference programs
- Logo on conference website, with link to your company website
- Half-page company-supplied description in the DRCN 2017 final program

## **Silver 3,000 Euro**

- Two complimentary Full registrations for the DRCN 2017 conference
- Logo on all conference programs
- Logo on conference website, with link to your company website
- Quarter-page company-supplied description in the DRCN 2017 final program

## **Bronze 1,500 Euro**

- Logo on all conference programs
- Logo on conference website, with link to your company website

Opportunities exist for additional support of conference activities such as:

- DRCN 2017 Banquet
- DRCN 2017 Welcome Reception

**We are looking forward to your patronage!**

For more information, please contact Dr. Christian Groß ([christian.gross@vde.com](mailto:christian.gross@vde.com))

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THALES

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