About ITC
The ITC conference in 2017 will be held at the University of Genoa, Italy from September 4 to September 8. The 29th event of the series features the topic Ubiquitous, software-based, and sustainable networks and services.

Preliminary Announcement and Call for Papers
The ongoing "softwarization" process in networks, along with hardware capability and new services, is setting the pace for a tighter integration between computing and telecommunications technologies. At the same time, 5G and IoT are coming on the scene and will produce an unprecedented growth in wireless access and data generation. According to some estimates, there might be 25 billion connected things by 2020. The exponential growth of IoT nodes, flexibility in service provisioning, and programmability, are making networks more complex to manage and operate. In addition, network design presents new challenges, raised by ultra-low power consumption requirements of IoT nodes and by the use of less energy-efficient general-purpose hardware. The new paradigms will affect and shape the statistical features of teletraffic, along with its performance analysis and control.

ITC 29 aims at exploring some of the most challenging aspects in this teletraffic scenario, and is organized into 5 areas, which will cover quite a few relevant aspects. Additionally, a Demo Session will be organized.

Area 1: Networking, Cloud/Fog/Ubiquitous Computing, and Applications (incl. energy, multimedia, security, privacy)
- Roberto Bruschi (CNIT, Italy)
- TBD

Area 2: Future Internet Architectures (incl. SDN, NFV, HPC, ICN, CCN)
- Marco Canini (KAUST, Saudi Arabia)
- KK Ramakrishnan (UC Riverside, USA)

Area 3: Wireless Networks and Applications (incl. 5G, IoT)
- Antonio Capone (Politecnico di Milano, Italy)
- Jianwei Huang (Chinese University of Hong Kong, Hong Kong)
- Pedro Casas (AIT Vienna, Austria)
- Dario Rossi (Telecom ParisTech, France)

Area 4: Measurements and Big Data Analytics (incl. monitoring, DPI, debugging, fault-tolerance, reliability, forensics, simulation, QoE)
- Rudesindo Núñez-Queija (CWI, The Netherlands)
- Zhi-Li Zhang (U. Minnesota, USA)

Area 5: Performance Evaluation, Control, and Optimization (incl. queueing, game theory, machine learning)
- Chuan Wu (Hong Kong University, Hong Kong)

Demo Session
- TBD

Conference Co-Chairs
- Franco Davoli, University of Genoa, Italy
- Nikhil Jain, Qualcomm Technologies, USA

TPC Co-Chairs
- Raffaele Bolla, University of Genoa, Italy
- Florin Ciucu, University of Warwick, UK

Local Organization Co-Chairs
- Riccardo Rapuzzi, CNIT, Italy
- Matteo Repetto, CNIT, Italy

Awards Chair
- Prosper Chemouil, Orange Labs Networks, France

Publicity Co-Chairs
- TBD

Publication Co-Chairs
- TBD

International Advisory Council
- Chair: Michela Meo, Politecnico di Torino, Italy
- Vice-Chair: Dario Rossi, Telecom ParisTech / Ecole Polytechnique, France

Important dates
- Paper registration: February 19, 2017
- Full paper due: March 05, 2017
- Acceptance notification: May 14, 2017
- Final paper due: June 18, 2017

Venue
- Building of the Department of Architecture, Polytechnic School of Engineering and Architecture, University of Genoa