Foreword

It is our great pleasure to welcome you to the 10th IEEE International Conference on Networks of the Future (NoF 2019) held on October 1-3, 2019 in Rome, Italy. NoF 2019 is hosted in the Engineering Faculty campus of the University of Rome La Sapienza. Founded by Pope Boniface VIII in 1303, with 112,000 students, 4000 teachers and 2000 employees, University of Rome La Sapienza is one of the oldest universities in the world.

Digitalisation at scale defines new expectations on reliable connectivity and service availability. This development poses new requirements on how content is delivered to connected devices and customers. Addressing emerging requirements over recent years has led to the evolvement of novel and fundamental techniques within prominent technical areas, such as softwarization/virtualisation, Cloud & Edge Computing, and artificial intelligence. Previous and ongoing advance.

NoF 2019 addresses the challenges and issues raised in the design of future networks in all their dimensions, offering to its attendees:

- **3 Keynotes**
  - "*Big Data, Machine Learning, Data Science for Traffic Monitoring and Analysis*", by **Marco Mellia**, *Politecnico di Torino*, Italy
  - "Back to the Future: Hardware-specialized Cloud Networking", by **Giuseppe Bianchi**, Università di Roma Tor Vergata, Italy
  - "How future networks will become proactive? - Machine learning to solve a pertinent engineering challenge", by **Muhammad Ali Imran**, *University of Glasgow*, UK
- **1 Tutorial**
  - "Edge Computing in 5G: bridging vertical applications and networking environments", by **Roberto Bruschi**, *University of Genova*, Italy
- **6 technical sessions**, covering current interests for future networks
- **a panel** on Future Network Technologies in European Projects, and
- **a demo session** on "Intent Based Networking" (IBN) organized as part of the activities of the IRTF Network Management Research Group (NMRG).

We are looking forward to meeting you in Rome and truly believe that discussions at the NoF19 will bring the world of research forward.

Antonio Cianfrani, General Chair, NoF 2019
Roberto Riggio, TPC Co-Chair, NoF 2019
Rebecca Steiner , TPC Co-Chair, NoF 2019