

International Workshop on Emerging Research Areas in Wireless Communications



Organized by
Department of ECE
Sri Sivasubramaniya Nadar College of Engineering
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Kalavakkam-603110, Chennai, Tamilnadu, India



The focus of this international workshop is to introduce the audience to the futuristic research topics and open research issues in wireless communications. This workshop will indeed serve as a forum for the young researchers and masters' students who hanker to pursue a career as a researcher in the field of wireless communications and get to know about the various open problems and research gaps. The workshop has talks on 5G and beyond, 6G, Social IoTs, Wi-Fi 7 and Machine Learning over Wireless Edge Networks to be delivered by renowned speakers from the US, Europe and Russia.



Giacomo Morabito

Associate Professor, DIEEI
University of Catania, Italy

**Title: The Social Internet of Things:
the breakthrough just around the
corner?**



Evgeny Khorov

Head of Wireless Networks Lab, Institute
for Information Transmission Problems of
the Russian Academy of Sciences (IITP
RAS), Moscow, Russia

Title: 7 Challenges of Wi-Fi 7



Andreas Pitsillides

Professor, Department of Computer
Science, University of Cyprus

**Title: Supporting THz and 6G through
Programmable Wireless Environments
implemented via software-controlled
intelligent metasurfaces**



David Gesbert

Professor and head of the
Communications Systems Department of
EURECOM, France

**Title: Learning from the Sky:
Autonomous flying Access Networks
for beyond 5G**



Ravikumar Balakrishnan

Research Scientist, Intel-labs
Intel Corporation, USA

**Title: Distributed Machine Learning
over Wireless Edge Networks**



Tommaso Melodia

William Lincoln Smith Chair Professor,
Electrical and Computer Engineering
Director, Institute for the Wireless Internet
of Things, Northeastern University
College of Engineering, USA

**Title: Toward Fully Programmable and
Virtualized Wireless Networks for 5G
and Beyond**

General Chair:

Ian Akyildiz,
Distinguished Visiting Faculty,
ECE/SSN CE

Chair:

S. Radha,
ECE, SSN CE

Organizing Chairs:

R. Kishore,
ECE/SSN CE
N. Prabagarane,
ECE/SSN CE

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