IEEE Wireless Communications and Networking Conference

Boosting Verticals into Wireless Orbit

10–13 April 2022 // Austin, Texas, USA

ieee-wcnc.org
DIALOGUE WITH INDUSTRY LEADERS ON
BOOSTING VERTICALS INTO WIRELESS ORBIT
(11 APR, 6 PM CST)

DRAGAN SAMARDZIJA
NOKIA LABS

JAN SODERSTROM
ERICSSON

EDWARD G. TIEDEMANN
QUALCOMM

MODERATOR

GENG WU
INTEL

CHARLIE JIANZHONG ZHANG
SAMSUNG RESEARCH

MILAP MAJMUNDAR
AT&T LABS

IEEE Wireless Communications and Networking Conference
10–13 April 2022 | Austin, TX, USA | ieee-wcnc.org
EXECUTIVE FORUM: PERSPECTIVE ON 6G
(11 APR, 2 PM CST)

MODERATOR

JOHN E. SMEE
QUALCOMM

GENG WU
INTEL

PEIYING ZHU
HUAWEI

KAILASH NARAYANAN
KEYSIGHT

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KEYNOTE SPEAKER
(11 APR, 11:45 AM CST)

Peiying Zhu
Huawei Fellow & Senior Vice President, Wireless Research, Huawei

TALK: Continuous Innovation of Wireless Networks for an Intelligent and Sustainable Future

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KEYNOTE SPEAKER
(11 APR, 9:15 AM CST)

Merouane Debbah
Chief Researcher, Artificial Intelligence and Telecom System Research Centre, Technology Innovation Institute

TALK: Rebuilding the Theoretical Foundations of Communications and Computing
KEYNOTE SPEAKER
(13 APR, 11:00 AM CST)

Gerhard P. Fettweis
Vodafone Chair Professor, Tu Dresden,
and CEO, Barkhausen Institute


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KEYNOTE SPEAKER
(12 APR, 08:30 AM CST)

Amitabha (Amitava) Ghosh
Nokia Fellow & Head, Radio Interface Group
Nokia Bell Labs

TALK: On the Path to 6G - Industry Alignment and Collaboration Is Key to Bring It to Life

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KEYNOTE SPEAKER
(13 APR, 11:45 AM CST)

Kailash Narayanan
Senior Vice President, Keysight, and
President Keysight's Communications Solutions
Group (CSG)

TALK: 3 Drivers of Network Transformation -
Delivering on the 5G and 6G Vision
KEYNOTE SPEAKER
(11 APR, 11:00 AM CST)

John Smee
Senior Vice President of Engineering,
Qualcomm Technologies Inc

TALK: Advancing 5G Technology Innovations into the 6G Era
KEYNOTE SPEAKER
(12 APR, 11:45 AM CST)

Eric Starkloff
President and CEO, National Instruments

TALK: Commercializing New Spectrum at mmWave and Beyond

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KEYNOTE SPEAKER
(11 APR, 08:30 AM CST)

Li Tian
Head of Standards, Strategy Department, ZTE Corporation

TALK: When Metaverse Meets Carbon Neutrality

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KEYNOTE SPEAKER
(12 APR, 11 AM CST)

Geng Wu
Intel Fellow & Head of Wireless Standards and
Technologies, Intel Corporations

TALK: 6G Cloud-native and AI-native Networks
INDUSTRY PANEL -1
How To Secure Future Communication Networks
(11 APR, 4 PM CST)

NARENDRA MANGRA
Globenet LLC

EMAN HAMMAD
Trust & Resilience (ISTAR) Lab

CHARLES CLANCY
MITRE Labs

SUBIR DAS
Peraton Labs

ERIC W. BURGER
Georgetown University
USA

ASHUTOSH DUTTA
Johns Hopkins University
USA

MODERATOR

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INDUSTRY PANEL -2
Non-terrestrial Networks in 5G and 6G
(12 APR, 2 PM CST)
INDUSTRY PANEL -3
AI for Network and Network for AI
(13 APR, 9 AM CST)

GEOFFREY YE LI
Imperial College
London

TONY QUEK
Singapore
University of Technology
and Design

OCTAVIA DOBRE
Memorial University
Canada

IL-MIN KIM
Queen's University
Canada

HARIS GAČANIN
Aachen University
Germany

TAESANG YOO
Qualcomm

MODERATOR
PEIYING ZHU
Huawei
Canada
INDUSTRY PANEL -4
5G and beyond applications for Industry 4.0 and 5.0
(13 APR, 9 AM CST)

MOTERATOR
MAZIAR NEKOVEE
University of Sussex ZJSU
China

KE GUAN
Railway Industry of
Broadband Mobile
Information
Communications,
China

VALERIO FRASCOLLA
Intel Labs

MARION BERBINEAU
Université Gustave Eiffel
France

BO SUN
ZTE Corporation

BO SUN
China Academy of
Information and
Communications
Technology

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INDUSTRY PANEL -5
From Theory to Practice - Emerging Antenna Array Technologies for 5G-advanced
(13 APR, 9 AM CST)
INDUSTRY PANEL - 6
Advanced Wireless Research In Texas
(12 APR, 4 PM CST)

LINDA P. B. KATEHI,
Texas A&M
MODERATOR

TAIYUN CHI
Rice University

BRIAN KELLY
University of Texas

SARAH LASELVA
Keysight

JAYAKRISHNAN MUNDARATH
NXP

CHARLES BAYLIS
Baylor University

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INDUSTRY PANEL -7
Sub-Thz Innovations For 6G Wireless
(12 APR, 2 PM CST)

DIDIER BELOT
CEA LETI
France

PEIYING ZHU
Huawei
Canada

ALAIN MOURAD
InterDigital Europe
UK

MOHAMED-SLIM ALOUNI
King Abdullah University of
Science and Technology
Saudi Arabia

MODERATOR
CARLOS FAOUZI BADER
Technology Innovation Institute
Abu Dhabi

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INDUSTRY PANEL -8
Scaling In Public And Private Networks With ORAN
(13 APR, 4 PM CST)

UDAYAN MUKHERJEE
Intel

MANISH SINGH
Facebook

YAGO TENORIO
Vodafone

SHAWN HAKL
Microsoft

VENKI RAMASWAMY
MITRE Labs

CAROLINE Y. CHAN
Intel

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INDUSTRY PANEL -9
Is XR a technology Waiting for Service or Service Waiting For Technology?
(12 APR, 4 PM CST)
INDUSTRY PANEL -10
Ideas To Reality - Bringing 6G To Life Through Testbeds
(11 APR, 4 PM CST)
INDUSTRY PANEL -11
Making Sense Of Comms - Deliberate Co-design Of Signals For Communications And Sensing
(12 APR, 2 PM CST)

CRISTINA SEIBERT
NEXTNAV

PETER A IANNUCCI
University of Texas, Austin

SALAM AKOUM
AT&T Labs

HARISH VISWANATHAN
Nokia

MODERATOR
TODD HUMPHREYS
University of Texas at Austin
WOMEN IN COMMUNICATIONS ENGINEERING (WICE) PANEL
(13 APR, 4 PM CST)

RINACHI GARG
Qualcomm Technologies

SALAM AKOUM
AT&T Labs

NITA PATEL
OTIS

LARRY HORNER
Intel

MODERATOR

TINA SLIVKA
Dell