
Advanced Wireless Forum
November 13 & 14, 2025
UCLA Luskin Center, Los Angeles, CA, USA
Agenda

Mission

The Advanced Wireless Institute brings together key stakeholders from across the wireless ecosystem to drive progress toward ubiquitous and affordable connectivity. As an initiative of the Marconi Society, the Institute serves as a neutral platform where wireless equipment vendors, service providers, researchers, academia, policymakers, and regulators collaborate to address critical challenges in delivering seamless wireless communication services.

Pre-Conference Day (Wednesday, November 12)

5:30 – 7:00 pm Welcome Reception

Day 1 (Thursday, November 13)

7:30 - 8:30 am Breakfast

8:45 – 9:00 am Welcome

- John Janowiak, President & CEO, Marconi Society

9:00 – 10:30 am Panel: Perspectives on the Future of Wireless

- Description: The wireless communication infrastructure continues to evolve and incorporate new technologies toward the goal of ubiquitous connectivity. This panel of visionaries will share their perspectives on the future of wireless communications and set the stage for the discussions to follow.
- Speakers
 - Jeffrey Andrews, Professor of Electrical and Computer Engineering, University of Texas at Austin
 - Udayan Mukherjee, Senior Fellow, Intel
 - Guglielmo Noya, SVP - Head of Latin America, APWireless
 - Vinay Ravuri, CEO & Founder, EdgeQ
 - William Webb, CEO, Commcive

10:30 – 10:45 am Break

10:45 – 12 noon Panel: Future Wireless Architectures

- Description: A variety of wireless technologies have been developed to provide connectivity in different settings, such as WiFi for indoor, cellular for outdoor, and satellite for remote locations. This panel will address the challenge of integrating an array of wireless technologies into

heterogeneous network architecture capable of providing a seamless communications experience.

- Speakers
 - Andrew Clegg, Chief Technology Officer, Valo Analytica
 - Matti Latva-aho, Professor of Wireless Communications, University of Oulu, Finland
 - Greg Pelton, CTO, Iridium
 - Vicente San Miguel, Partner, Open Vision Partners
 - Yago Tenorio, SVP & CTO, Verizon

12:00 – 1:00 pm Networking and Lunch

1:00 – 1:30 pm Morning Session Readouts & Discussion

1:30 – 2:45 pm Panel: Power and Energy Consumption

- Description: Despite plans to the contrary, power consumption for wireless communications keeps increasing. Solutions include classical approaches, such as better components and system design, or turning off network components when not needed. More radical approaches include moving traffic to WiFi, more extensive use of shared networks, and replacing rural base stations with high altitude platforms (HAP) and satellites. This panel will consider all of these approaches and debate the best way forward.
- Moderator
 - Sheryl Genco, VP Advanced Technology Group, Ericsson
- Speakers
 - Ed Knapp, CTO, American Tower
 - Masoud Olfat, VP Technology & Ecosystem Development, Federated Wireless
 - John Smee, SVP Engineering, Global Head of Wireless Research, Qualcomm

2:45 – 3:00 pm Break

3:00 – 4:15 pm Panel: Spectrum Issues

- Description: The evolution of wireless technology has expanded the range of usable frequencies and improved spectrum efficiency. At the same time, new wireless applications create greater demand for access to spectrum. This panel will discuss spectrum utilization and managing access to enable future applications.
- Speakers
 - Randall Berry, Chair and Professor of ECE, Northwestern University

- Charles Cooper, Associate Administrator, Office of Spectrum Management, NTIA
- Ari Fitzgerald, Partner, Communications Group at Hogan Lovells
- Nick Laneman, Professor of Electrical Engineering, University of Notre Dame

4:15 – 4:45 pm Day 1 Closing Keynote

- Peter Vetter, President of Bell Labs Core Research, Nokia

Day 2 (Friday, November 14)

7:30 - 8:30 am Breakfast

8:30 - 8:45 am Opening Remarks

8:45 – 9:15 am Day 2 Opening Keynote

- Robert Soni, VP RAN Technology, AT&T

9:15 – 10:30 am Panel: Innovation Without Influence: The Standards Challenge for Startups and Academia

- Description: International standards are essential for ensuring the compatibility of wireless technologies with existing and future networks. The startup and academic world is a vital source of wireless innovation but lacking in influence on standards. This panel will focus on the problems faced in introducing innovations to the wireless telecom standards world.
- Moderator
 - Anton Monk, SVP Strategy, Cohere Technologies
- Speakers
 - Robert Calderbank, Professor of EE, CS and Mathematics, Duke University
 - Brian Daly, AT&T Fellow and Assistant Vice President of Wireless Technology Strategy & Standards, AT&T
 - Andrea Goldsmith, President, Stony Brook University
 - Alessandro Vanelli-Coralli, Professor of Electrical, Electronic and Information Engineering, University of Bologna

10:30 – 10:45 am Break

10:45 am – 12:00 pm Panel: ISAC for 6G: Game Changer or Ghost of 5G Past?

- Description: Integrated Sensing and Communication (ISAC) is one of the key new technology pillars of 6G/IMT-2030 and is a completely new paradigm in terms of performance metrics related to radar. In addition to

discussing new technology aspects, the panel will consider issues such as market expectations and who will pay for ISAC.

- Speakers
 - Daniel Cooley, CTO, Silicon Labs
 - Sheryl Genco, VP Advanced Technology Group, Ericsson
 - Anton Monk, SVP Strategy, Cohere Technologies
 - John Smee, SVP Engineering, Global Head of Wireless Research, Qualcomm

12:00 – 1:00 pm

Networking and Lunch

1:00 – 1:30 pm

Morning Session Readouts & Discussion

1:30 – 2:00 pm

Keynote

- Malik Tatipamula, CTO, Ericsson Silicon Valley, Ericsson

2:00 – 3:15 pm

Panel: Future Wireless Applications

- Description: Advances in wireless technology will provide a platform for new services as well as improvements in existing ones. This panel will consider a variety of future applications and the wireless infrastructure that will enable them.
- Speakers
 - Mingxi Fan, Senior General Manager, Wireless Communication Technology and System Design, MediaTek
 - Sudharman K. Jayaweera, Program Director, Directorate for Technology, Innovation and Partnerships, National Science Foundation
 - Eric McClanahan, Sr. Director, 5G Solution Architecture, 5G Acceleration, Verizon
 - Thyaga Nandagopal, Head of Emerging Technologies, Samsung Research America

3:15 – 3:30 pm

Break

3:30 – 4:00 pm Closing Keynote

- Charlie Zhang, SVP, Samsung Research America