



7-10 OCTOBER 2024 | RONALD REAGAN BUILDING & INTERNATIONAL TRADE CENTER

6G and Emerging Technologies

Antennas, Propagation and RF Design

Electric Vehicles, Vehicular Electronics, and Intelligent Transportation

IoV, IoT, M2M, Sensor Networks, and Ad-Hoc Networking

Machine Learning for Communications

Protocols, Security and Services for Wireless Networks

Radio Access Technologies and Heterogenous Networks

Satellite Networks, Positioning Technologies, Localization and Navigation

Spectrum Management, Spectrum Sharing and Green Communications

Transmission Technologies and Communication Theory

Vehicular Communications, Unmanned Vehicle Communications, Vehicular Networks and Telematics

IMPORTANT DATES

SUBMIT PAPERS BY May 27, 2024 (Firm)

ACCEPTANCE BY July 8, 2024

FINAL PAPERS BY August 5, 2024

vtc2024fall.trackchair.com





Keynote Speakers

Andrea Goldsmith

Dean of Engineering and Applied Science and the Arthur LeGrand Doty Professor of Electrical and Computer Engineering, Princeton University

Aprille Ericsson-Jackson

Assistant Secretary of Defense Science and Technology, US Department of Defense

Gerhard Fettweis

Vodafone Chair Professor, Dresden University of Technology

Matt Jones

Executive Director, Global Technology Platforms, Ford Motor Company

John Smee

Senior Vice President Engineering, Global Head of Wireless Research, Qualcomm

VTC2024-Fall will be held in Washington DC, USA. This semi-annual flagship conference of IEEE Vehicular Technology Society will bring together individuals from academia, government, and industry to discuss and exchange ideas in the fields of wireless, mobile, and vehicular technology.

VTC2024-Fall will feature world-class plenary speakers, tutorials, technical as well as application sessions, and an innovative Industry Track, which will feature panels and presentations with industry leaders sharing their perspectives on the latest technologies.

Prospective authors are encouraged to submit full papers through the conference website or directly in TrackChair: vtc2024fall.trackchair.com. Prospective authors are invited to submit 5-page, original, and unpublished full papers. A full paper can be up to 7 pages in length, just note that papers longer than 5 pages will require the purchase of additional page charges at the time of registration and final paper submission.

VTC2024-Fall will be delivered in a hybrid format.

General Co-Chairs

Lingjia Liu, Virginia Tech, US **John Smee**, Qualcomm, US **Thomas Rondeau**, Department of Defense, USA

Advisory Committee

Robert Calderbank, Duke University, US Brian Daly, AT&T, US Gerhard Fettweis, Dresden University of Technology, Germany Andrea Goldsmith, Princeton University, US Javier Gozalvez, Universidad Miguel Hernandez de Elche, Spain

Technical Program Co-Chairs

Mike Buehrer, Virginia Tech, US Rui Dinis, Universidade Nova de Lisboa, Portugal Song Guo, Hong Kong University of Science and Technology, China

Publicity Co-Chairs

Chuan Huang, Chinese University of Hong Kong (Shenzhen), China **Bo Ji,** Virginia Tech, US **Luca Lusvarghi,** Universidad Miguel Hernandez de Elche, Spain