

Three Minute Thesis (3MT®) Finalists

This year's finalists are:

Making 5G Devices Multilingual Tu3C
Eduardo Vilela Pinto dos Anjos, KU Leuven

Shaping and Steering Electromagnetic Beams for Pennies on the Dollar Th2G
Fatemeh Akbar, California Institute of Technology (Caltech)

Magical Antenna Array without the Rainbow Effect Tu4A
Minning Zhu, Rutgers University

Smart Textiles for Recycling Radio Waste Th1E
Mahmoud Wagih, University of Southampton

Improving 5G Cell Towers' Power Efficiency Using Signal Processing We1F
AhmedBen Ayed, University of Waterloo

Journey towards Energy-Saving Electronic Ecosystems Th2D
Aditya Dave, University of Minnesota, Twin Cities

Thriving Beyond Copper for 5G Tu4A
Renuka Bowrothu, University of Florida

Silent, But We Can Hear You! We3D
Li Wen, Shanghai Jiao Tong University

Finding the Musical Notes of Material Properties Tu4D
Nikita Mahjabeen, University of Texas at Dallas

Beating the Enemy in Communication We3G
Xiaoyu Wang, University College Dublin

No Ambiguity at All! We2B
Wei Xu, Shanghai Jiao Tong University

Redefining Electronics through Printing Tu1G
Shuai Yang, King Abdullah University of Science and Technology

Be Gone, Diabetes! Microwave is in the House! Th2E
Dieff Vital, Florida International University

Improving and Enabling Future Generations of Wireless Communications: the Grandparent Factor WE1F1
Abdessamad Boulmirat, Université Grenoble Alpes - CEA, LETI

A Pocket-Sized Microwave Detector Tu3D
Elif Kaya, Texas A&M University

A Truly Connected World We1F
Ifrah Jaffri, University of Waterloo

IoT: Interacting with Low-Power Devices Tu2A
Chung-Ching Lin, Washington State University

Adaptable Wireless Sensor Networks: The Backbone of Future Smart Cities Mo2C
Jay Sheth, University of Virginia

Enhancing Weather Predictions and Downloads with Microwave Electronics Tu1A
Sunil Rao, Georgia Institute of Technology

Make Low-Voltage RF Systems Possible Tu1D
Bowen Wang, Tsinghua University

Interference-Canceling 5G Devices Mo3A
Arun Paidimarri, IBM T.J. Watson Research Center

5G Signals Can See the World While Delivering Your Data Mo3A
Bodhisatwa Sadhu, IBM T. J. Watson Research Center

The Human Body: A Wire for Wireless Communications Mo2A
Baibhab Chatterjee, Purdue University

Silicon of Stars Tu2B
Yun Wang, Tokyo Institute of Technology

Are We Ready for 6G? Tu1C
Awani Khodkumbhe, BITS Pilani

Empowering 5G Antenna Measurements ARFTG
Mohammadreza Ranjbar Naeini, University of Wisconsin