



[WeE2] [Special Session] Millimeter-Wave-Terahertz Antennas and Systems

Date / Time	Oct. 24 (Wed.), 2018 / 16:30-18:30
Place	Room E (Venice Room)
Session Chairs	Goutam Chattopadhyay (NASA-JPL/California Institute of Technology, USA) Tadao Nagatsuma (Osaka University, Japan)

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[Invited Speaker]

16:30-17:10

Terahertz Antenna Technologies for Space Science Applications

Goutam Chattopadhyay¹, Maria Alonso-DelPino¹, Cecile Jung-Kubiak¹, Theodore Reck¹, Choonsup Lee¹, Nacer Chahat¹, Sofia Rahiminejad¹, and David González-Ovejero²

¹California Institute of Technology, USA, ²IETR, France

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17:10-17:30

Fabrication of Devices and Antennas for Millimeter-Wave and Terahertz Systems

Choonsup Lee¹, D. Gonzalez-Ovejero², M. Alonso-DelPino¹, T. Reck¹, A. Peralta¹, I. Mehdi¹, and Goutam Chattopadhyay¹

¹California Institute of Technology, USA, ²IETR, France

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17:30-17:50

Compact Measurement Setup for Antennas Operating in the 220-325 GHz Band

C. Belem Goncalves^{1,2,3}, E. Lacombe^{1,2}, Carlos del Río⁴, F. Gianesello¹, C. Luxey², and G. Ducournau³

¹STMicroelectronics, France, ²University Nice Sophia-Antipolis, France

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17:50-18:10

Antenna Technologies for Terahertz Communications

Tadao Nagatsuma

Osaka University, Japan

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18:10-18:30

Spoof Surface Plasmon Based Planar THz Sensor System Using Dumbbell Shaped Unit Cell

M Jaleel Akhtar, Nilesh K Tiwari, and Surya P Singh

Indian Institute of Technology Kanpur, India