

## SyMat Scientific Meeting, 23 September 2020

Link to the Zoom meeting: <https://us02web.zoom.us/j/9811222815>

Meeting ID: 981 122 2815

Session Chair: Prof. Francisco Mesa, University of Sevilla, Spain

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| <b>10:30 – 11:00</b><br>(GMT+2) | Waveguide Technology Based on Glide-Symmetric Holey Structures: Design Considerations<br><b>Zvonimir Sipus<sup>1</sup>, Eva Rajo-Iglesias<sup>2</sup>, and Marko Bosiljevac<sup>1</sup></b><br><i><sup>1</sup>University of Zagreb, Croatia, <sup>2</sup>University Carlos III of Madrid, Spain</i> |
| <b>11:00 – 11:30</b>            | Glide-symmetric structures for 5G communications<br><b>Oscar Quevedo-Teruel<sup>1</sup> and Elena Pucci<sup>2</sup></b><br><i><sup>1</sup>KTH Royal Institute of Technology, Stockholm, Sweden, <sup>2</sup>Ericsson Stockholm, Sweden</i>  |
| <b>11:30 – 12:00</b>            | Glide Symmetry in the Manipulation of Spoof Surface Plamon Polaritons<br><b>Wenxuan Tang et al.</b><br><i>State Key Laboratory of Millimeter Waves, Southeast University, China</i>   |
| <b>12:00 – 12:30</b>            | Dispersion and Filtering Properties of Holey Waveguides<br><b>Angel Palomares and Pablo Padilla</b><br><i>University of Granada, Spain</i>  |
| <b>13:30 – 14:00</b><br>(GMT+2) | Dual-Band Polarizing Screen Based on Self-Supported Metallic Structures<br><b>C. Molero, E. Menargues, T. Debogovic, and M. Garcia-Vigueras</b><br><i>Institut de Télécommunications de Rennes, France</i>  |
| <b>14:00 – 14:30</b>            | Compression of Space and Matching Impedance using Glide-symmetric Periodic Structures<br><b>Masha Ebrahimpouri<sup>1</sup> and Oscar Quevedo-Teruel<sup>2</sup></b><br><i><sup>1</sup>Ericsson Gothenburg, Sweden, <sup>2</sup>KTH Royal Institute of Technology, Stockholm, Sweden</i>             |
| <b>14:30 – 15:00</b>            | Reconfigurable Intelligent Surfaces for 6G<br><b>Ertuğrul Başar</b><br><i>Koç University, Istanbul, Turkey</i>  |
| <b>15:00 – 15:30</b>            | Exceptional Points of Degeneracy in Lossless Waveguides and the Role of Symmetries<br><b>Tarek Mealy, Mohamed Y. Nada, Ahmed F. Abdelshafy, Ehsan Hafezi, and Filippo Capolino</b><br><i>University of California Irvine, USA</i>   |

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