

# **European Wireless Conference (EW 2022)**

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## Monday, September 19 14:45 - 18:00

### Main Track

#### Session 1

[Lightweight Compression for Severely Constrained IoT Devices](#) 1

Rasmus Vestergaard (Aarhus University, Denmark); Johannes Techel (Universität der Bundeswehr München, Germany); Qi Zhang and Daniel E. Lucani (Aarhus University, Denmark)

[Implementation and Experimental Evaluation of Reed-Solomon Identification](#) 7

Roberto Ferrara (Technische Universität München & Institute for Communications Engineering, Germany); Luis Torres-Figueroa (Technische Universität München, Germany); Holger Boche (Technical University Munich, Germany); Christian Deppe and Wafa Labidi (Technical University of Munich, Germany); Ullrich J Mönich (Technische Universität München, Germany); Vlad Costin Andrei (Technische Universität München, Germany)

[Cost and Correlation in Strategic Wireless Sensing Driven by Age of Information](#) 13

Laura Crosara and Leonardo Badia (Università degli Studi di Padova, Italy)

[Reconfigurable Intelligent Surface and UAV-Assisted THz Mobile Communications](#) 19

Sara Farrag, Engy Aly Maher and Ahmed E. El-Mahdy (German University in Cairo, Egypt); Falko Dressler (TU Berlin, Germany)

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### Main Track

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Justine Cris B Borromeo (Scuola Superiore Sant'Anna, Italy); Koteswararao Kondepu (Indian Institute of Technology Dharwad, India); Nicola Andriolli (National Research Council of Italy, Italy); Luca Valcarengi (Scuola Superiore Sant'Anna, Italy); Riccardo Bassoli (Technische Universität Dresden, Germany); Frank H.P. Fitzek (Technische Universität Dresden & ComNets - Communication Networks Group, Germany)

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Eike Manuel Bansbach (Karlsruher Institut für Technologie, Germany); Yigit Kiyak (Karlsruhe Institute of Technology, Germany); Laurent Schmalen (Karlsruhe Institute of Technology (KIT), Germany)

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Mariam Yahya (University of Tuebingen, Germany); Setareh Maghsudi (University of Tübingen, Germany); Slawomir Stanczak (Technische Universität Berlin & Fraunhofer Heinrich Hertz Institute, Germany)

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Xiaopeng Yuan and Yulin Hu (RWTH Aachen University, Germany); Xuan Wen (Wuhan University, China); Marina Petrova (KTH Royal Institute of Technology, Sweden); Anke Schmeink (RWTH Aachen University, Germany)

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**Tuesday, September 20 9:30 - 10:30**

**Main Track**

Session 3

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Jennifer Gabriel (Technical University of Dresden, Germany); Silvio Ankermann and Mauri Seidel (TU Dresden, Germany); Frank H.P. Fitzek (Technische Universität Dresden & ComNets - Communication Networks Group, Germany)

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Domenico Scotece (University of Bologna, Italy); Sisay Tadesse Arzo (University of New Mexico, USA); Riccardo Bassoli (Technische Universität Dresden, Germany); Luca Foschini (University of Bologna, Italy); Michael Devetsikiotis (University of New Mexico, USA); Frank H.P. Fitzek (Technische Universität Dresden & ComNets - Communication Networks Group, Germany)

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Shreya Tayade (German Research Center for Artificial Intelligence, Germany); Peter Rost (Karlsruhe Institute of Technology, Germany); Andreas Maeder (Nokia Networks, Germany); Hans Dieter Schotten (Deutsches Forschungszentrum für Künstliche Intelligenz GmbH, Germany)

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Zhongtian Dong, Nan Li, Alexandros Iosifidis and Qi Zhang (Aarhus University, Denmark)

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Shu-Chen Li and Evelyn Muschter (TU Dresden, Germany); Andreas Noll and Basak Gulecyuz (Technical University of Munich, Germany); Eckehard Steinbach (Technische Universität München, Germany); Frank H.P. Fitzek (Technische Universität Dresden & ComNets - Communication Networks Group, Germany)

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Evelyn Muschter and Leonie Herbst (TU Dresden, Germany); Eckehard Steinbach (Technische Universität München, Germany); Shu-Chen Li (TU Dresden, Germany)

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Anatolij Zubow (Technische Universität Berlin, Germany); Sascha Roesler (TU Berlin, Germany); Piotr Gawłowicz (Technische Universität Berlin, Germany); Falko Dressler (TU Berlin, Germany)

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Leonardo Bonati, Michele Polese and Salvatore D'Oro (Northeastern University, USA); Stefano Basagni (Northeastern University & The Institute for the Wireless Internet of Things, USA); Tommaso Melodia (Northeastern University, USA)

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**Wednesday, September 21 9:00 - 9:15**

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Siddharth Das and Riccardo Bassoli (Technische Universität Dresden, Germany); Roberto Ferrara (Technische Universität München & Institute for Communications Engineering, Germany); Janis Nötzel (Technische Universität München, Germany); Christian Deppe (Technical University of Munich, Germany); Frank H.P. Fitzek (Technische Universität Dresden & ComNets - Communication Networks Group, Germany); Holger Boche (Technical University Munich, Germany)

## Wednesday, September 21 10:00 - 10:30

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Manuel O. J. Olguín Muñoz, Seyed Samie Mostafavi, Vishnu Narayanan Moothedath and James Gross (KTH Royal Institute of Technology, Sweden)

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Nikolaj Marchenko (Robert Bosch GmbH, Germany); Janne Ali-Tolppa (Nokia, Finland); Oscar Dario Ramos Cantor (Robert Bosch GmbH, Germany); Patrick Agostini (TU Berlin, Germany); Rastin Pries (Nokia, Germany)

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