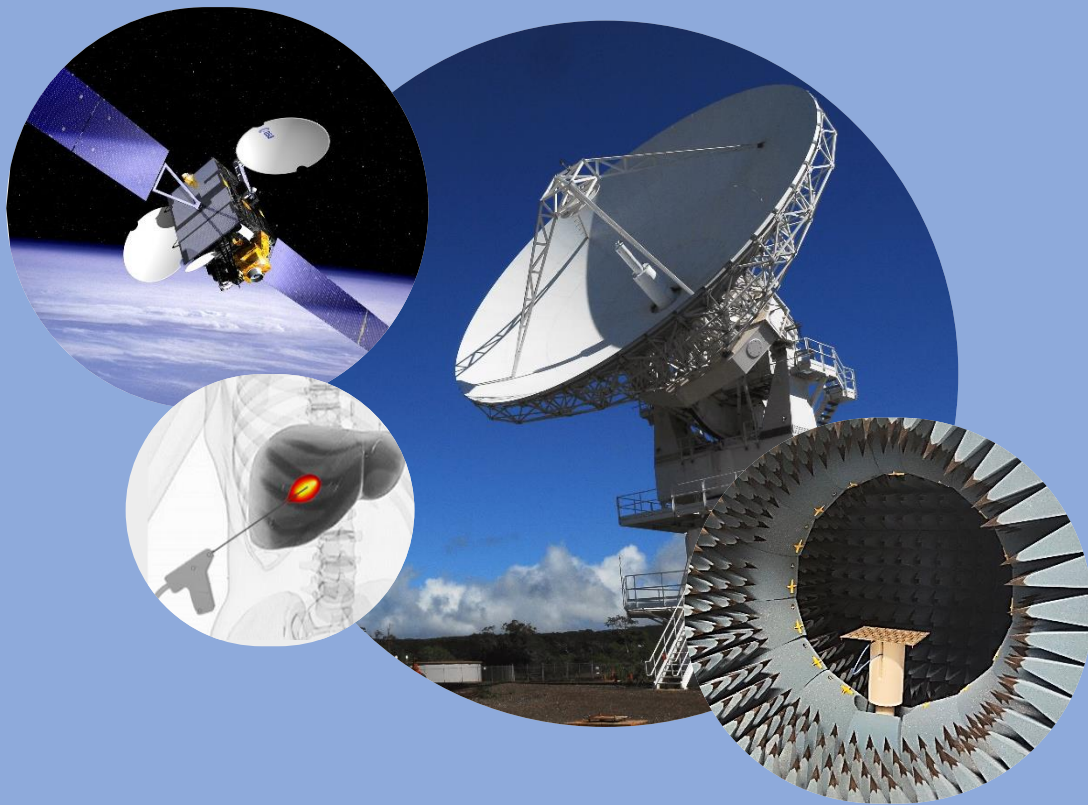




Politecnico
di Bari



DIPARTIMENTO DI
INGEGNERIA ELETTRICA
E DELL'INFORMAZIONE

MOE
MICROWAVE & OPTICAL ENGINEERING

Workshop

High Frequency Electromagnetic Waves for Communication of Future and for Quality of Life: Sensing, Industrial, Agricultural, Medical Applications

7th January 2022

Politecnico di Bari – Dipartimento di Ingegneria Elettrica e dell'Informazione

General Chair

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Andrea Annunziato
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Program

- 8:50 Workshop opening: welcome from chairs
- 9:00 Radiofrequency antennas in SAFRAN
- Alain KARAS** – *Head of RF Antenna Lab, Space & Communications - SAFRAN ELECTRONICS & DEFENSE, La Teste de Buch, France*
- 9:40 Millimeter and sub-millimeter wave modulated metasurface antennas for space
- David GONZALEZ-OVEJERO** – *CNRS Research Scientist - IETR (Institut d'Electronique et des Technologies du numéRique) Département Antennes & Dispositifs Hyperfréquences (ADH), Equipe BEAMS (BEam Antennas up to Mm and Sub-mm waves) Université de Rennes 1, France*
- 10:10 Quasi-optical feeding systems for multi-beam wideband millimeter wave antennas
- Mauro ETTORE** – *CNRS Research Scientist - IETR (Institut d'Electronique et des Technologies du numéRique) Département Antennes & Dispositifs Hyperfréquences (ADH), Equipe BEAMS (BEam Antennas up to Mm and Sub-mm waves) Université de Rennes 1, France*
- 10:40 A UAV-GPR Fusion Approach for the Characterization of a Quarry Excavation Area in Falconara Albanese, Southern Italy
- Annamaria SAPONARO** – *Researcher Data Science - Dyrecta Lab, IT Research Laboratory, Conversano (BA), Italy*
- 11:00 Solid-state microwaves generators for ISM applications
- Marco FIORE** – *Business Development Manager - LEANFA, Ruvo di Puglia (BA), Italy*
- 11:20 Workshop closure