



Quantum Antennas and Photonic Quantum Sensing

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The session will focus on research results and applications in the fields of quantum effects in antennas and photonic sensing, including "quantum inspired" schemes in imaging and sensing. The main idea of this session is to give an overview of the recent results in the field taking into account engineering background of the audience.

This session is welcoming contributions related to quantum devices and systems and, in particular, in the following fields:

Antennas & enhancement of their characteristics by quantum effects

Quantum tomography and diagnostics

Quantum imaging & microscopy

Quantum radars & lidars