

# WORKSHOP

## SUPERCONDUCTING DEVICES FOR QUANTUM OPTICS AND QUANTUM SIMULATIONS

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**ECT\* Villa Tambosi, Villazzano**



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**Main topics:**

- superconducting circuits
- microwave quantum optics
- circuit-QED experiments
- novel detection schemes and quantum sensing
- quantum simulation and quantum information processing

**ECT\* Director: Prof. Ubirajara van Kolck**

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