

Research Project

Potential of quantum sensing for precision metrology at METAS

Third-party funded project

Project title Potential of quantum sensing for precision metrology at METAS

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Organisation / Research unit

Departement Physik / Experimentelle Nanophysik (Treutlein)

Department

Departement Physik

Project start 01.11.2022

Probable end 30.04.2023

Status Completed

In the field of quantum sensing, new techniques have been developed that exploit quantum systems and their peculiar properties to enable new functionality and enhance accuracy and precision in a great variety of sensing applications. Researchers at the Department of Physics of the University of Basel have made important contributions to this field. The goal of this collaboration project is to evaluate the potential of quantum sensing techniques for metrology at METAS, the Swiss national metrology institute.

Financed by

Private Sector / Industry

Add publication

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Specify cooperation partners