

CELEST Member Short Profile



Fedor Jelezko

Fedor Jelezko is a director of the Institute of Quantum Optics and director of the Center for Integrated Quantum Science and Technology (IQST) at Ulm University. He studied in Minsk (Belarus) and received his Ph.D. in 1998. After finishing the habilitation in 2010 at Stuttgart University he was appointed as a professor of experimental physics in Ulm in 2011. His research interests are at the intersection of fundamental quantum physics and application of quantum technologies for information processing, communication, sensing, and imaging.



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Research areas		
Quantum science, Quantum sensing, Diamond spin qubits, Nuclear magnetic resonance		
Lab equipment		
Single spin sensing set-up, CVD reactor for growth of ultrapure diamond, Nuclear Magnetic Spin Resonance Spectroscopy (300 MHz NMR spectrometer) , Electron Paramagnetic Resonance Spectroscopy (X Band Bruker EPR spectrometer)		
Fedor Jelezko @ IQO	Link IQO	Link lab equipment
https://www.quantenoptik.de	https://www.quantenoptik.de	https://www.quantenoptik.de

Partners

