



Solid State Institute
המכון למצב מוצק

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סמינר

Quantum Microscopy of Nanoscale Materials and Devices

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Abstract

Diamond nanoprobes with single engineered nitrogen-vacancy (NV) centers allow enhancing scanning probe microscopy with quantum metrology. In this talk, I will introduce the basic concepts and technology of diamond nanoprobes, and give illustrative examples of applications in nanoscale imaging of magnetism and currents.

ההרצאה תתקיים ביום רביעי, ה-11.3.2020 בשעה 12:30

באודיטוריום המכון למצב מוצק, קומת כניסה

The lecture will take place on Wednesday, 11.3.2020 at 12:30
at the Solid State Institute auditorium, entrance floor

Host: Professor David Gershoni