

Petr Neugebauer

Petr Neugebauer is the group leader of the Magneto-Optical and THz Spectroscopy group at the Central European Institute of Technology (CEITEC). He focuses on magnetic resonance development, including hardware and computational methods, and THz technology, for a variety of applications in chemistry and physics. He is particularly known for the development of Electron Spin Resonance (ESR) methods and Nuclear Magnetic Resonance (NMR) signal enhancement using Dynamic Nuclear Polarization (DNP). He applies these methods to study the electronic properties of molecular nanomagnets, as well as solid state materials. He is/was involved in many prestigious projects during his career, including ERC StG, FET-OPEN, and GACR EXPRO.

