

# 2023

## CEITEC MOTES WEDNESDAY SEMINARS

1.3.2023, 10 AM CET

**Mauro Perfetti (Uni Florence, Italy)**

*Experimental study of the magnetic anisotropy of molecular materials*

8.3.2023, 10 AM CET

**Dominik Bloos (Uni Stuttgart, Germany)**

*Quantum Effects in Magnetotransport of 2D-Materials*

15.3.2023, 10 AM CET

**Jiri Novak (MUNI Brno, Czech Rep.)**

*Phase transitions and behavior in organic semiconductor thin films*

19.4.2023, 10 AM CET

**Andrei Kuzhelev (Uni Frankfurt, Germany)**

*High Field Dynamic Nuclear Polarization in viscose systems*

24.5.2023, 10 AM CET

**Paulo Nuno Martinho (Uni Lisbon, Portugal)**

*Transition-metal-based molecular sensors and molecular switches.*

31.5.2023, 10 AM CET

**Maria Fittipaldi (Uni Florence, Italy)**

*Spin-Electric Effects Revealed by Electric Field Modulated EPR*

7.6.2023, 10 AM CET

**Eugenio Coronado (Uni Valencia, Spain)**

*Functional molecules in 2D materials*

20.9.2023, 10 AM CET

**Vincent MAUREL (CEA Grenoble, France)**

*Introduction to time-resolved EPR spectroscopy using ns-pulsed Laser*

27.9.2023, 10 AM CET

**Junji Liu (Oxford Uni, UK)**

*Coherent spin-electric coupling measured by EPR*

4.10.2023, 3 PM CET

**Jonathan Friedman (Amherst College, USA)**

*Clock transitions in molecular nanomagnets and silica defects*

18.10.2023, 10 AM CET

**Edward J. Reijerse (MPI Mulheim, Germany)**

*Introduction to Pulsed EPR*

25.10.2023, 10 AM CET

**Paolo C. Bruzzese (MPI Mulheim, Germany)**

*Hyperfine Spectroscopy aided by Electronic Structure Methods for the characterization of single-metal heterogeneous catalyst*

1.11.2023, 3 PM CET

**Periannan (Kupps) Kuppusamy (Dartmouth College, USA)**

*EPR Oximetry in Cancer Patients using OxyChip*

8.11.2023, 10 AM CET

**Dana Dvoranova (STU Bratislava,  
Slovakia)**

*Indirect techniques of EPR spectroscopy for  
catalysis*

20.11.2023 at 1PM – AMN seminar series,  
CEITEC Seminar Room

**Lorenzo Tesi (Uni Stuttgart,  
Germany)**

*Two-Dimensional Molecular Spin Qubits:  
Advancements in Surface Sensitive  
Techniques*

13.12.2023, 10 AM CET

**Peter Fischer (Fraunhofer ICT)**

*Potentials for electron spin resonance  
techniques in flow batteries*