

867. Wilhelm and Else Heraeus Seminar on "Quantum Electron-Photon Interactions"

Monday, 21 September 2026 - Thursday, 24 September 2026

Prague

Scientific Programme

The seminar will cover 5 main topics, which are:

1. Electron-photon coupling (electron modulation, dielectric laser acceleration, cathodoluminescence)
2. Ultrafast SEM (USEM) - ultrafast dynamics studied using pulsed SEM
3. Ultrafast diffraction and scattering-based methods with low- and medium-energy electrons
4. Electron-electron and electron-photon correlations, quantum effects
5. Related effects and methods (TEM, nanometric emitter tips, electron sources for ultrafast experiments, other instrumentation incl. spectrometers and detectors)

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