



Münchner Physik- Kolloquium

Winter
2017/18

Ultrafast nanoscopy: imaging structure, function, and dynamics of matter on its natural length and times scales

Prof. Dr. Markus Raschke, *University of Colorado Boulder, USA*

Monday, 16 October 2017, 17:15 h

Hörsaal H 030, Fakultät für Physik der LMU, Schellingstraße 4, München

What are the advances in multimodal linear, nonlinear, and spatio-temporal nano-imaging for the study of fundamental optical and plasmonic phenomena, coupled single molecule or quantum dynamics, with unprecedented nanometer spatial and femtosecond resolution, sensitivity and precision? Markus Raschke presents several new concepts extending tip-enhanced spectroscopy into the nonlinear and ultrafast regime for nano-scale imaging and spectroscopy of surface molecules and nano-solids.

Student event: Meet the speaker

We invite you to a **student-only** discussion-round with Prof. Dr. Markus Raschke before his Munich Physics Colloquium talk.

Be curious and feel free to ask any question.

Monday, 16 October 2017, 16:00 h

Room H 522 (5th floor), Fakultät für Physik der LMU, Schellingstraße 4, München

