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**UNIVERSITÄT
BERN**

Seminar über Biomedizinische Photonik

Referent/in: Tristan Kopp, Department Physical Chemistry, University of Würzburg

Titel: **Deep learning, ultra-short Lasers and theoretical calculations in chemistry**

The talk is divided in three parts: first an introduction to deep learning and clustering techniques in the field of object detection. Followed by a mobile FROG setup for the characterization of femto second laser pulses and their shortening to around 12 femto seconds. And in the end a short discussion on theoretical calculations for chemistry.

Zeit: Mittwoch, 20.10.2021, 10:15 Uhr

Ort: **Hörsaal A97**, Gebäude Exakte Wissenschaften, Sidlerstrasse 5, Bern, Schweiz

or via Zoom

Zoom-Meeting beitreten
<https://ethz.zoom.us/j/68734050949>
Meeting-ID: 687 3405 0949