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**UNIVERSITÄT
BERN**

Seminar über Ultrafast Science and Technology

Referent: Frank Schlawin, Institute of Physics, Albert-Ludwigs University of Freiburg, Freiburg, Germany

Titel: Nonlinear spectroscopy with quantum light

We will present simulations of entangled-photon absorption in a photosynthetic complex. Our goal is to exploit the strong time-frequency correlations of entangled light to manipulate nonlinear spectra of complex quantum systems. Exciton transport can be suppressed, and two-exciton states can be selectively excited.

Zeit: Dienstag, 09.12.2014, 10:15 Uhr

Ort: **Hörsaal B77**, Gebäude exakte Wissenschaften, Sidlerstrasse 5, Bern, Schweiz