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## **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