

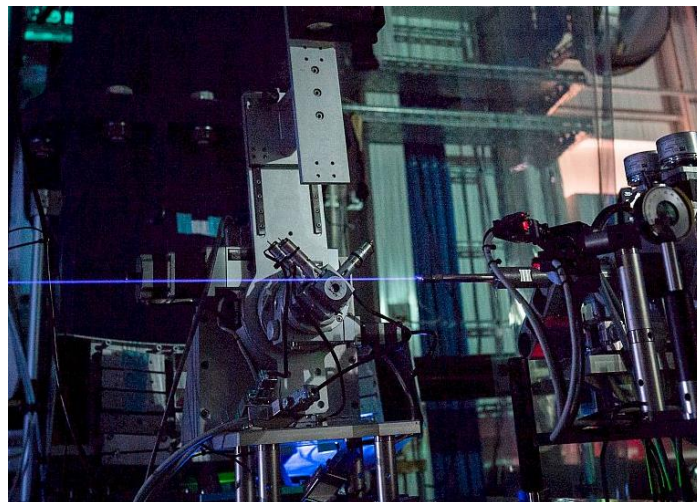
IMPRS UFAST core course **Ultrafast Techniques**

Nils Huse & Christian Bressler

Abstract:

The course focuses on the use of light, X-ray, and electron sources for investigating phenomena in physics, chemistry, biology. We will discuss scattering techniques and spectroscopy and their use for time-resolved measurements. Key questions addressed are which techniques exist, how to use them, and which method is best used to reach a certain goal.

Key topics: Scattering/spectroscopy techniques with light, X-ray, and electron sources, pump-probe techniques, multidimensional spectroscopy techniques, X-ray spectroscopy, time/space-resolved techniques.



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CFEL/building 99
Seminar room IV
22nd – 26th March 2021
10:00h - 11:30h
13:00h - 14:30h

Register on Geventis I-UF C4