

TOWARDS ULTRAFAST IMAGING AND SPECTROSCOPY IN THE WATER WINDOW

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XFELs have provided a billionfold increase in peak brightness of readily tunable X-ray pulses, immediately creating the field of nonlinear X-ray science where multiphoton effects dominate. In this talk I will discuss how these ultraintense pulses can be harnessed for ultrafast imaging and spectroscopy, with an emphasis on applications in the water window.

FRIDAY,
30.06.2017

2:00 PM

CFEL
SEMINAR ROOMS I-III

