

Selected publications (last 5 years)

M. Messerschmidt, Th. Tschentscher, ..., and S. Techert, *Ultrafast potential energy surface softening of one-dimensional organic conductors revealed by picosecond time-resolved Laue crystallography*, J. Phys. Chem. A **114**, 7677-7681 (2010).

G. Geloni, E. Saldin, L. Samoylova, E. Schneidmiller, H. Sinn, Th. Tschentscher, and M. Yurkov, *Coherence properties of the European XFEL*, New Journal of Physics **12**, 035021 (2010).

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J. Chalupský, ..., H. Sinn, ..., Th. Tschentscher, ..., J. Gaudin, *Damage of amorphous carbon induced by soft x-ray femtosecond pulses above and below the critical angle*, Appl. Phys. Lett. **95**, 031111 (2009).

D.M. Fritz, ..., C. Blome, ... Th. Tschentscher, and J.B. Hastings, *Ultrafast Bond Softening in Bismuth: Mapping a Solid's Interatomic Potential with X-rays*, Science **315**, 633-636 (2007).

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Full, refereed articles

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