

Session Program

3 October 2016



Workshop on an accelerator based source for nonlinear THz science @ SwissFEL

Session 3: Theory (dynamic and static)

Fachhochschule Nordwestschweiz, Campus Brugg Windisch, 5.0B15/16

Monday 3 October

13:30

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Session | **Location:** Fachhochschule Nordwestschweiz, Campus Brugg Windisch, 5.0B15/16 | **Convener:** Andrea Cavalleri

13:30-14:05

Density functional theory predictions of new physics enabled by THz FEL sources: Exotic superconductivity, magnetoelectric multipoles and dynamical multiferroicity

Speaker

Dr Michael Fechner

14:05-14:40**Theory of light-control of solids and non-linear phononics****Speaker**

Antoine Georges

14:40-15:00**Novel concepts for narrowband THz excitation of large amplitude lattice motions****Speaker**

Alexander Paarmann

15:00