

Session Program

15-17 Sept 2014

Science at FELs
2014 at Paul Scherrer Institute



Science@FELs 2014

Theory

Paul Scherrer Institute, WHGA/001
5232 Villigen PSI

Tuesday 16 September

14:00

Theory

Session | **Location:** Paul Scherrer Institute, WHGA/001, 5232 Villigen PSI

14:00–14:35

Transitions in matter triggered by intense ultrashort X-ray pulses

Speaker

Prof. Beata Ziaja-Motyka

14:35–15:00

Soft X-ray ionisation of atoms within TDDFT and nuclear effects on the attosecond TRPES of ethylene

Speaker

Mrs Alison Crawford

15:00–15:25

XMDYN: Modeling radiation damage of XFEL irradiated samples

Speaker

Zoltan Jurek

15:25–15:50

Atomic kinetics in solids under strong XFEL irradiation

Speaker

Mr Basil Deschaud

15:50