Welcome and Introduction

European XFEL: First Experiments and Next Steps towards Full Operation

XFEL Science and the point of view of the INP@CNRS

Presentation and Discussion of Instrumentation Projects in France

12:30 – 14:00 Poster Session & Buffet Lunch

FLASH: Current Highlights and Upcoming Developments

Time-resolved serial crystallography at XFELs to watch proteins at work

Structural and spectroscopic studies of Photosystem II and model complexes at XFELs

Frontier Research at FERMI and Upcoming Developments

X-ray switching with visible transient grating

Ultrafast evolution and transient phases of a prototype out-of-equilibrium Mott–Hubbard material

Annual plenary meeting of the GDRi XFEL-Science

19:30 Dinner
**Probing dynamics with X-ray scattering and absorption**

*Fast & Ferrous: Understanding the emergence of functions in photoactive molecular materials by decoupling electronic and structural dynamics*

*Dynamical fluctuations at Sn adatoms on the prototypical Ge(111)R3xR3 surface: CELIA and FLASH experiments*

10:10 – 10:40  Coffee break

*Highlights from recent femtosecond pump-probe gas-phase experiments at LCLS, SACLA, FLASH and FERMI*

*Photochemical reaction dynamics of Ru₃(CO)₁₂ studied by picosecond and femtosecond X-ray solution scattering at ESRF and LCLS*

*Towards experimental photoinduced dynamics within isolated proteins and DNA strands*

12:00 – 13:45  Lunch & Coffee

*XANES to unravel the phase transition dynamics from solid to warm dense matter*

*Probing Ultrafast Magnetization Dynamics with fs-short X-ray Pulses*

*Concluding Discussion and Workshop Closure*