

Session Program

3-5 Jun 2025



12th International Workshop on Radiation Damage to Biological Samples

Biological Studies Affected by Radiation Damage

Paul Scherrer Institut, Auditorium
Forschungsstrass 111 5232 Villigen PSI Switzerland

Wednesday 4 June

09:00

Biological Studies Affected by Radiation Damage

Session | **Location:** Paul Scherrer Institut, Auditorium, Forschungsstrass 111 5232 Villigen PSI Switzerland

09:30–10:00

Rejuvenating online UV-Vis microspectrophotometry by monitoring dose- and time-resolved phenomena at both cryogenic and room temperature

Speaker

Sylvain ENLIBERGE

10:30

11:00

Biological Studies Affected by Radiation Damage

Session | **Location:** Paul Scherrer Institut, Auditorium, Forschungsstrass 111 5232 Villigen PSI Switzerland

11:00–11:30

Specific Radiation Damage to Halogenated Inhibitors and Ligands in Protein-Ligand Crystal Structures

Speaker

Matthew J. RODRIGUES

11:30–12:00

A protein switch to bind different redox states in the cyanobacterial FutA iron binding protein revealed by an X-ray pump-probe approach

Speaker

Ivo TEWS

12:00–12:30

X-ray photoreduction of the active site copper in the fungal lytic polysaccharide monooxygenase LsAA9A

Speaker

Leila LO LEGGIO

13:00