

Session Program

14-16 Oct 2020



11th International Workshop on X-ray Radiation Damage to Biological Samples - RD11

Session 3 - Damage at New Sources - XFEL and 4th generation synchrotrons

Paul Scherrer Institut, WBGB/019
Forschungsstrasse 111 5232 Villigen PSI Switzerland

Thursday 15 October

13:00

Session 3 - Damage at New Sources - XFEL and 4th generation synchrotrons

Session | **Location:** Paul Scherrer Institut, WBGB/019, Forschungsstrasse 111 5232 Villigen PSI Switzerland

13:00–13:20

UV-induced cleavage and geminate recombination of the disulfide bond motif followed via ultrafast X-ray absorption spectroscopy

Speaker

Nils Huse

13:30–13:50

Structural dynamics in proteins induced by and probed with X-ray free-electron laser pulses

Speaker

Alexander Gorel

14:00–14:20

Specific radiation damage is a lesser concern at room temperature

Speaker

Dr Antoine Royant

14:30

14:50

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14:50–15:10

Radiation damage in serial synchrotron crystallography at cryo- and room temperature

Speaker

Nicolas Coquelle

15:20–15:40

Is radiation damage the limiting factor in high-resolution single particle imaging with X-ray free-electron lasers?

Speaker

Carl Caleman

15:50

16:10

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16:10–16:30

Avoiding multiphoton artefacts in time-resolved pump probe experiments

Speaker

Marie Luise Gruenbein

16:40–17:00

X-ray Emission Spectroscopy at X-ray Free Electron Lasers: Limits to Observation of Unperturbed Electronic Structures.

Speaker

Dr Yulia Pushkar

17:10–17:30

Correcting Non-isomorphism

Speaker

Dr James M. Holton

17:35