

Session Program

14-16 Oct 2020



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

Session 4 - Radiation Damage in Complementary Fields including Biological Imaging

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

Friday 16 October

13:00

Session 4 - Radiation Damage in Complementary Fields including Biological Imaging

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

13:00-13:20

Dose calculations for microcrystallography, XFELs, and electron microscopy: extensions to RADDOSE-3D

Speaker

Joshua Dickerson

13:30-13:50

Quantitative simulation tools for predicting radiation damage driven by high-intensity x-ray pulses

Speaker

Robin Santra

14:00-14:20

Radiation damage in X-ray spectroscopy

Speaker

Dr Pieter Glatzel

14:30

16:00

Session 4 - Radiation Damage in Complementary Fields including Biological Imaging

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

16:00-16:20

An Objective Metric for Correcting Radiation Damage in SAXS

Speaker

Mr Yunyun Gao

16:30-16:50

Domain swapping in solution induced by irradiation - case study human cystatin C and other proteins

Speaker

Maciej Kozak

17:00