

Session Program

28 September 2026 to 2 October 2026



School of XFEL, Synchrotron and Neutron Radiation Users - SFEL2026

XRAY

Congress Centre ACADEMIA

Stará Lesná 176 059 52 Stará Lesná Slovakia GPS Location: 49°09'06.8"N, 20°17'12.4"E

Monday 28 September

13:30

XRAY: Session - 1

Session | **Location:** CC Academia, Lecture Hall | **Convener:** Dr Jozef Bednarčík

13:30–13:45

Opening Lab X-ray Session and Information about Hands On

Speaker

Dr Jozef Bednarčík

13:45–14:45

Brief introduction to crystallography and powder diffraction

Speaker

Radomír Kužel

14:45–15:30

From Atomic Structure to Nanostructures: Modern Laboratory X-ray Scattering Techniques in Materials Research

Speaker

Milan Dopita

15:30

16:00

XRAY: Session - 2

Session | **Location:** CC Academia, Lecture Hall | **Convener:** Radomír Kužel

16:00–16:30

Hard coatings based on transition metal borides analyzed by laboratory X-ray.

Speaker

Tomáš Roch

16:30–17:15

Seeing Beyond Crystallography: An Introduction to Pair Distribution Function Analysis of Complex Materials

Speaker

Emil Bozin

17:15–17:45

Probing Local Atomic Arrangement in Metallic Glasses by High-Energy X-ray and Neutron diffraction

Speaker

Stefan Michalik

17:45