

2020 PoIFEL WORKSHOP

Prospects for life science oriented research at PoIFEL

VENUE: Nencki Institute of Experimental Biology – Neurobiology Centre Conference Hall
Pasteura 3, 02-093 Warsaw

21.01.2020 r. (Tuesday)

AGENDA

- 9:00 – 9:30 Registration/ Coffee
- 9:30 – 10:00 *PoIFEL – Free Electron Laser: General overview of the project*
prof. dr. hab. Krzysztof Kurek, Director General of the National Centre for Nuclear Research, Otwock-Świerk
- 10:00 – 10:30 *Non-ionizing Synchrotron Radiation in Biomedical Applications*
dr. hab. Jerzy Pełka, Institute of Physics PAS, Warsaw
- 10:30 – 10:50 *PoIFEL laser – principles and parameters of the light source*
dr. Robert Nietubyć, National Centre for Nuclear Research,
- 10:50 – 11:00 Coffee break
- 11:00 – 11:20 *PoIFEL Beamlines and Experimental Stations*
dr. Karolina Szamota-Leandersson, National Centre for Nuclear Research
- 11:20 – 11:40 *Application of impulse laser sources to chemical and biological measurements in the PoIFEL project*
dr. Paweł Czuma, National Centre for Nuclear Research
- 11:40 – 12:10 *Practical example of PoIFEL laser application to life science: Stopped-Flow technique*
mgr. Radosław Kotuniak, Institute of Biochemistry and Biophysics PAS, Warsaw
- 12:10 – 12:30 Coffee break
- 12:30 – 13:20 *Infrared ion spectroscopy in biology-related research at the FELIX free electron laser laboratory*
dr. Jonathan Martens, Radboud University, FELIX Laboratory Nijmegen, The Netherlands.
- 13:20 – 13:40 *Users Consortia as a formal vehicle for long term research programme – a lesson from E-XFEL*
dr Paweł Krawczyk, National Centre for Nuclear Research .
- 13:40 – Discussion

The **2020 PoIFEL WORKSHOP** is free but registration is required



Titles of the talks to be confirmed.

