

HORIZON EUROPE

"Emerging technologies for crystal-based gamma-ray light sources"

Kick off Meeting

July 22 - 23, 2022

Friday, 22 July 2022, LabRestaurant, Atenhöferallee 3, 60438 Frankfurt am Main

13 ³⁰ - 14 ⁰⁰	<u>Welcome reception</u>
14 ⁰⁰ – 16 ¹⁵	<u>Afternoon session I:</u> Andrey V. Solov'yov (MBN RC): Presentation of the European EIC-PATHFINDER project TECHNO-CLS and related tasks Werner Lauth (Uni Mainz): Development of a positron beamline for channeling experiments at MAMI. Vincenzo Guidi (UNIFE): Beam manipulation through coherent interaction in bent crystals
16 ¹⁵ -16 ⁴⁵	Coffee break
16 ⁴⁵ -18 ⁰⁰	<u>Afternoon session II:</u> Laura Bandiera (INFN): Experiment on channeling radiation and related phenomena Irina Solovyeva (MBN RC): Management issues Round Table discussion
19 ⁰⁰ -	Dinner at the restaurant „Zum Lahmen Esel“

Saturday, 23 July 2022, MBN Research Center, Olof Palme Str. 15, 60438 Frankfurt am Main

9 ³⁰ -11 ⁰⁰	<u>Morning session I:</u> Andrei Korol (MBN-RC): Computational characterisation of crystal-based intensive gamma-ray light sources. Davide de Salvador (UNIPD): Strain control by pulsed laser melting at UNIPD precursors Fabien Lafont (ESRF): A new X-ray beam induced current setup (XBIC) at BM05@ESRF for diamonds and semiconductors characterization
11 ⁰⁰ -11 ³⁰	Coffee break
11 ³⁰ -13 ⁰⁰	<u>Morning Session II:</u> Nektarios Papadogiannis (HMU): IPPL/HMU research related to pulsed laser nano-acoustics and optoacoustic material structural modulation and diagnosis” Round Table discussion Workshop closing
13 ⁰⁰ -14 ⁰⁰	Lunch