

HORIZON 2020 RISE-N-LIGHT
" Novel Light Sources: Theory and Experiment"

Kick off Meeting
(Teleconference)

April 06, 2020

Monday, 06 April 2020

14 ⁰⁰ – 14 ¹⁵	Andrey V. Solov'yov (MBN RC) <i>Project N-Light: current highlights and perspectives</i>
14 ¹⁵ -14 ³⁰	Werner Lauth (Institute of Nuclear Physics, University of Mainz) <i>Positron Beam for Channeling Experiments at MAMI</i>
14 ³⁰ -14 ⁴⁵	Vincenzo Guidi (University of Ferrara) <i>Steering of charged particles through coherent interactions in a bent crystal</i>
14 ⁴⁵ -15 ⁰⁰	Laura Bandiera (Istituto Nazionale di Fisica Nucleare) Past and future INFN&UNIFE activities on innovative radiation sources based on oriented crystals
15 ⁰⁰ -15 ¹⁵	Andrei V. Korol (MBN RC) <i>Crystal based intensive gamma-ray light sources</i>
15 ¹⁵ -15 ³⁰	Nigel Mason (University of Kent) <i>The Diamond Synchrotron - UK's high energy light source</i>
15 ³⁰ -15 ⁴⁵	<i>Break</i>
15 ⁴⁵ -16 ⁰⁰	Victor Tikhomirov (Institute for Nuclear Problems of Belarusian State University) <i>Unresolved problems of high-energy particle scattering and radiation in crystals</i>
16 ⁰⁰ -16 ¹⁵	Viktar Haurylavets (Institute for Nuclear Problems of Belarusian State University) <i>855 MeV electron propagation and photon emission in oriented bent silicon crystal: computer simulations with MBN Explorer versus experiment</i>
16 ¹⁵ -16 ³⁰	Alexander Pavlov and Vadim Ivanov (Peter the Great St. Petersburg Polytechnic University) <i>Channeling and related phenomena in oriented diamond(110) crystals</i>
16 ³⁰ -17 ⁰⁰	Irina Solovyeva (MBN RC): <i>Management issues and final discussion</i>