

Program of Second (2nd) Topical Interaction Meeting between CSIR and National Academy of Sciences of Belarus

Topic: Physical Sciences and IT

February 2, 2023

10.00 by Minsk time (12.30 IST)

Meeting Link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_Mzk2MmI5ZmItMDQ1Mi00MjU2LTk1ZGUtMzExOTdhZW5Zjgz%40thread.v2/0?context=%7b%22Tid%22%3a%22b867f20e-8a9c-4603-b5ab-39c3840dfb64%22%2c%22Oid%22%3a%22c751da9d-d595-4da1-b8ffc04d60cfc91d%22%7d

Program:

10.00-10.10 12.30-12.40 (IST)	–	Opening of Topical Interaction Meeting. Opening speeches of NAS of Belarus and CSIR representatives. From NAS of Belarus – Chief Scientific Secretary of the NAS of Belarus Vasiliy L.Hurski From CSIR - The Director of the Central Electronics Engineering Research Institute (CSIR-CEERI), Dr. P.C. Panchariya
10.10-10.20 12.40-12.50(IST)	–	Presentation of the Director of the Centre for Identification Systems Dr. Victor Dravitsa and the Deputy Technical Director of the Centre Alexander Reshetnyak « <i>Activities of the Interbranch Center for Identification Systems and E-Business Operations</i> ».
10.20-10.25 12.50-12.55(IST)	–	Discussion
10.25-10.35 12.55-13.05(IST)	–	Presentation of the Chief Scientist of the Central Electronics Engineering Research Institute (CSIR-CEERI) Dr. Suchandan Pal and Principal Scientist of CSIR-CEERI Dr. Sanjay Singh with participation of Mr. Pramod Tanwar, Principal Scientist and Dr. Vijay Chatterjee, Sr. Scientist of CSIR-CEERI Title: <i>Overview of Semiconductor and AI-based Activities at CSIR-CEERI</i>
10.35-10.40 13.05-13.10(IST)	–	Discussion
10.40-10.50 13.10-13.20(IST)	–	Presentation of the Acting Head of the Center for Wide Gap Nano- and Microelectronics of the Institute of Physics of the NAS of Belarus As. Prof. Dr. Evgenii Lutsenko « <i>Molecular Beam Epitaxy and Characterization of III-Nitride Heterostructures</i> ».
10.50-10.55 13.20-13.25(IST)	–	Discussion
10.55-11.05 13.25-13.35(IST)	–	Presentation by CSIR-National Physical Laboratory, Dr. N Viajayan Sr. Principal Scientist & Professor (Academy of Scientific and Innovative Research; AcSIR) with Dr. Sumit Kr.

		<p>Mishra, Principal Scientist Title: <i>Development of Dissemination of Indian Reference Materials (Bharatiya Nirdeshak Dravya: BND) & Modeling Particle Optical/Radiative Properties constrained with Observations</i> Specific Mode of Cooperation: Focused Experimental/Design Program and Capacity Building and Exchange Visit Program</p>
11.05-11.10 13.35-13.40(IST)	–	Discussion
11.10-11.20 13.40-13.50(IST)	–	Presentation of the Deputy Director of the Institute of Mathematics of the NAS of Belarus Dr. Sergey V. Bakhanovich « <i>Research of the Institute of Mathematics in IT-technologies</i> ».
11.20-11.25 13.50-13.55(IST)	–	Discussion
11.25-11.35 13.55-14.05(IST)	–	<p>Presentation by CSIR Fourth Paradigm Institute. (Formerly CSIR Centre for Mathematical Modelling and Computer Simulation (CSIR-4PI) by Dr. Kantha Rao Bhimala Principal Scientist, Dr. Lakshmikanthan, Prof (Dr) G K Patra, Chief Scientist and Dr. Asha, Sr. Scientist Title: <i>Applications of AI/ML techniques in weather and climate research and Security Aspects of AI</i> Specific mode of Cooperation: Focused Experimental/Design Program & Capacity Building and Exchange visit Program.</p>
11.35-11.40 14.05-14.10(IST)	–	Discussion
11.40-11.50 14.10-14.20(IST)	–	Presentation of the Head of Biomedical Image Analysis Laboratory of the United Institute of Informatics Problems of the NAS of Belarus, Dr. Vassili Kovalev « <i>Security Problems of Artificial Intelligence</i> ».
11.50-11.55 14.20-14.25(IST)	–	Discussion
11.55-12.05 14.25-14.35(IST)	–	<p>Presentation of the Chief Scientist of the CSIR-Central Scientific Instruments Organization (CSIR-CSIO) Dr V D Shivling Title: <i>CSIR-CSIO Profile and Interest in cooperation</i> <i>i) Design of wideband low-noise optical beam deflection sensor for scanning probe microscopy</i> <i>ii) Development of Laser based micro and nanoscale manufacturing techniques for photonic and biological applications</i> Specific mode of Cooperation: Focused Experimental/Design Program</p>
12.05-12.10 14.35-14.40(IST)	-	Discussion
12.10-12.20 14.40-14.50(IST)	-	Presentation of the Scientific Secretary of SSPA “Optics, Optoelectronics and Laser Technology” of the NAS of Belarus Dr. Andrei Panarin « <i>Research and Developments of the Association in Optics, Optoelectronics, and Laser Technology</i> ».

12.20-12.25 14.50-14.55(IST)		Discussion
12.25-12.35 14.55-15.05(IST)	-	Presentation of CSIR-Central Glass & Ceramics Research Institute (CSIR-CGCRI)
12.35-12.45 15.05-15.15(IST)	-	Discussion. Summary of Topical Interaction Meeting Results