

INTERNATIONAL COLLABORATIONS

Sr No	Title	Overseas collaborator & Institution	Indian collaborator
1	Structure of gradient nanocomposites: interaction of bioactive glasses with nanoparticles and polymers(MoreBags) (GAP 0614)	Prof Pekka Vallittu Director Biomaterials Research Program, University of Turku Finland	Dr G De
2	Multifunctional nanocomposite materials for low-temperature ceramic fuel cells (NANOMFC) (SSP 0343)	Prof Peter Lund Department of Applied Physics Altao University School of Science Altao University P.O.Box 14100 FI-00076 AALTO Finland	Prof R NBasu
3	Development of large size polycrystalline CVD daimond material for optical windows and support rods in high power microwave tubes (GAP 0246)	Dr Victor Ralchenko Head of Diamond Materials Laboratory, A M Prokhorov General Physics Institute of Russian Academy of Sciences (GPI RAS), Vavilov str. 38, Moscow 119991 Russia	Dr Vamsi Krishna Balla
4	Study of cost-efficient integration system for extrinsic fabry-perot sensor using dispersion modified optical fibres (GAP 0149)	Prof Denis Donlagic Professor Faculty of Electrical Engineering and Computer Science University of Maribor Smetanova 17, 2000	Dr Tarun Kumar Gangopadhyay

		Maribor	
5	Study and development of non-invasive ambulatory respiratory and cardiac monitoring system for mobile health monitoring using photonic crystal fibre (GAP 0148)	Prof Andy Augousti Professor Faculty of Science Engineering and Computing Kingston University Penrhyn Road Kingston, Surrey KT1 2EE, UK	Dr Tarun Kumar Gangopadhyay
6	A robust fibre optic sensor to detect low level of ammonia for early detection of disease (GAP 0150)	Prof Dr Aleksandra Lobnik Institute for Environ-mental Protection & Sensors Beloruskaulica 7, Maribor Slovenia	Dr AnirbanDhar
7	Electron microscopy study of the degradation kinetics of porous bioactive glass based novel drug eluting implants (coating/3D scaffolds) as function of hard tissue regeneration for treatment of osteoporotic fractures in elderly patients (GAP 0249)	Dr Nina Daneu Senior Scientist, Department of Nanostructured Materials Jozef Stefan Institute, Jamova 39, 1000 Ljubljana, Slovenia	Dr Jui Chakraborty
8	Studies of multicomponent hafnium-silica glass-ceramic based optical fibres doped with rare earths and metal nanoparticles for broadband light sources for 2 to 3 micron spectral range (GAP 0151)	Prof Kiryanov Alexander Viktorovich , Leading Scientist MV Lomonosov Moscow State University Physics Department Leninskie Gory, 1 119991 Moscow Russia	Dr Mukul Chandara Paul

International Speakers

Sr No	Date	Speaker	Title
1	12.07.2016	DrNimai Mishra, Post Doctoral Fellow, Centre for Integrated Nanotechnologies, Los Alamos National Lab, USA	Shape control in semiconductor nanocrystals: synthesis, characterization, assembly and device fabrication
2	28.10.2016	MrEvgenyZavedeev, Researcher, A M Prokhorov General Physics Institute, Russian Academy of Sciences (GPI RAS)	Ultrashort pulse laser microstructuring of diamond-like-nanocomposite films.
3	28.10.2016	MrAlexy Popovich, A M Prokhorov General Physics Institute, Russian Academy of Sciences (GPI RAS)	Thermal conductivity of CVD-diamond and diamond composites
4	22.11.2016	Dr Yoichi Okimoto, Department of Chemistry, Tokyo Institute of Technology, Japan	Femtosecond spectroscopy of ultrafast dynamics in spin crossover cobalt perovskites
5	16.12.2016	Dr Nina Daneu, Senior Scientist, Department of Nanostructured Materials, Jožef Stefan Institute Ljubljana, Slovenia and Assistant Professor, for Microscopy, Jožef Stefan Postgraduate School	Microstructural engineering of ZnO-based varistor ceramics via inversion boundary induced grain growth
6	17.01.2017	Dr Peter McSwiggen, Eminent Application Specialist of M/s JEOL, USA	EPMA – an efficient research tool