

S.No.	Project No	Domain	Title of the project	Indian PI First Name	Indian PI Last Name	Indian Institution	Indian City	French PI First Name	French PI last Name	French Institution	French City
1	5504-1	Pure and Applied Physics	Wavelet Graphs for Gravitational Wave Searches	Dr. Archana Arun	Pai	Indian Institute of Technology	Mumabi	Dr. Eric	Chassande-Mottin	University Paris Diderot	Paris
2	5604-1	Pure And Applied Physics	Modeling Soft Glassy Flow from Micro to Macro Scale	Dr. Pinaki	Chaudhuri	Institute of Mathematical Sciences	Taramani,	Dr. Kirsten	Martens	Laboratoire Interdisciplinaire de Physique	Grenoble
3	5604-4	Pure And Applied Physics	Nuclear structure at the extreme of isospin and spin.	Dr. Sarmishtha	Bhattacharyya	Variable Energy Cyclotron Center	Kolkata	Dr. Navin	Alahari	GANIL	Caen
4	5608-2	Material Sciences	Studies on the Topological Insulator Behaviour in Heavy Metal based Ternary Chalcogenides	Dr. Sebastian Chirambatt	Peter	Jawaharlal Nehru Centre For Advanced Scientific Research	Bangalore	Dr. Marie-Aude	Measson	Neel Institute	Grenoble
5	5702-1	Computational Sciences	The Economics of Networks and Queues	Prof. Manjesh Kumar	Hanawal	Indian Institute of Technology, Bombay	Mumbai	Dr. Yezekael	Hayel	Université d'Avignon	Avignon
6	5703-1	Life And Health Sciences	Control of microtubule dynamic instability by the tubulin code	Dr. Minhaj	Sirajuddin	Institute for Stem Cell Biology and Regenerative Medicine	Bangalore	Mr. Carsten	Janke	Institut Curie	Paris

7	5703-2	Life And Health Sciences	A genome-wide study to identify novel regulators of chromosome stability using a human pathogenic yeast <i>Candida albicans</i> as the model system	Prof. Kaustuv	Sanyal	Jawaharlal Nehru Centre For Advanced Scientific Research	Bangalore	Dr. Christophe D'Enfert	D'Enfert	Institut Pasteur	Paris
8	5704-1	Pure And Applied Physics	Yielding in glasses and colloidal systems under cyclic deformation	Prof. Srikanth	Sastry	Jawaharlal Nehru Centre For Advanced Scientific Research	Bangalore	Prof. Giuseppe	Foffi	Université Paris Sud	Paris
9	5705-1	Pure And Applied Chemistry	Bifunctional Catalysts for Cooperative C-H Bond Cleavage via Intramolecular Deprotonation Toward Direct Functionalizations of Alkanes	Prof. Jitendra Kumar	Bera	Indian Institute of Technology	Kanpur	Dr. Henri	Doucet	Université De Rennes 1	Rennes
10	5708-1	Material Sciences	DURABLE FUEL CELLS BASED ON POLYMER COATED NANOCARBON COMPOSITES (DUPONT)	Prof. Ramaprabhu	Sundara	Indian Institute of Technology	Chennai	Prof. Wolfgang S	Basca	Centre D'Élaboration De Matériaux Et D'Études	Toulouse
11	5801-1	Pure And Applied Mathematics	Interactions between dynamical systems, geometry, and number theory	Dr. Anish	Ghosh	TIFR	Mumbai	Prof. Arnaldo	Nogueira	Institut De Mathématique de Marseille	Marseille

12	5803-1	Life And Health Sciences	Mechanism of polarity reversals in Myxococcus xanthus	Dr. Gayathri	Pananghat	IISER	Pune	Dr. Tam	Mignot	Laboratoire de chimie bactérienne, CNRS, AMU	Marseille
13	5803-2	Life And Health Sciences	Directing the ballet of Meiotic chromosomes: regulation of Separase and control of Monopolar Kinetochore orientation	Dr. Imran	Siddiqi	CSIR-Centre for Cellular & Molecular Biology	Hyderabad	Mr. Raphael	Mercier	INRA Plant Biology and Breeding	Versailles
14	5804-1	Pure And Applied Physics	The assembly history of disk galaxies over the last 8 billion years	Dr. Kanak	Saha	Inter University Center For Astronomy & Astrophysics	Pune	Prof. Françoise	Combes	Observatoire de Paris	Paris
15	5804-2	Pure And Applied Physics	Micro-SQUID magnetometry of nano-scale magnetic structures	Dr. Anjan Kumar	Gupta	IIT, Kanpur	Kanpur	Prof. Hervé	Courtois	Université Joseph Fourier	Grenoble
16	5804-3	Pure And Applied Physics	Phase transitions in sub-saturation nuclear matter and applications to core-collapse supernova and nuclear experiments	Dr. Gargi	Chaudhuri	Variable Energy Cyclotron Centre	Kolkata	Prof. Francesca	Gulminelli	LPC/ENSICAE N	Caen

17	5805-1	Pure And Applied Chemistry	Novel Chiral First row Transition Complexes for Asymmetric Catalysis via Activation of inert C-H and C-Heteroatom bonds	Prof. Basker	Sundararaju	IIT, Kanpur	Kanpur	Prof. Rinaldo	poli	Laboratoire De Chimie de Coordination (LCC),	Toulouse
18	5808-1	Material Sciences	Tuning the interfacial Dzyaloshinskii-Moriya interaction in ultrathin magnetic films: toward the stabilization of skyrmions in spintronics devices	Prof. Subhankar	Bedanta	National Institute Of Science Education And Research	Bhubaneswar	Dr. Stanislas	Rohart	Université Paris-Sud	Orsay
19	5902-1	Computational Sciences	NOVIS60: Non-contact vital sign estimation with 60 GHz radar technology	Prof. Jayanta	Mukherjee	Indian Institute of Technology	Mumbai	Dr. Julien	Sarrazin	UPMC – University Pierre and Marie Curie	Paris
20	5903-1	Life And Health Sciences	Hematopoiesis and metabolism	Dr. Tina	Mukherjee	Institute for Stem Cell Biology and Regenerative Medicine	Bangalore	Dr. Angela	Giangrande	Institut de Génétique et de Biologie Moléculaire et Cellulaire	Strasbourg
21	5904-1	Pure And Applied Physics	Modelling and observing pulsars: from high energy to radio emission.	Prof. Dipanjan	Mitra	National Centre for Radio Astrophysics	Pune	Mr. Jérôme	Petri	Université de Strasbourg	Strasbourg
22	5904-2	Pure And Applied Physics	Composite Models at the Interface of Theory and Phenomenology	Prof. K	Sridhar	Tata Institute of Fundamental Research	Mumbai	Dr. Giacomo	Cacciapaglia	Universite Lyon	Villeurbanne

23	5904-3	Multi disci(Physics, Chemistry, Biology)	Pre-evolutionary processes in autocatalytic RNA networks	Dr. Sandeep	Krishna	National Centre for Biological Sciences	Bangalor e	Dr. Philippe	Nghe	(ESPCI)	Paris
24	5905-1	Pure And Applied Chemistry	Boron-controlled CO2 reduction	Prof. Sundargopa I	Ghosh	Indian Institute of Technology	Chennai	Dr. Sebastien	Bontemps	Laboratoire de Chimie de Coordination	Toulouse
25	5907-1	Earth And Planetary Sciences	Nutrient transfers through groundwater in India (NUNDERGROUND)	Dr. V.V.S.S.	Sarma	CSIR-National Institute of Oceanography	Visakhap atnam	Prof. Damien	Cardinal	Université Curie	Paris
26	5908-1	Material Sciences	A novel high temperature selective coating on superalloy substrates stable up to 600 deg. C in air for solar thermal electricity receivers: Studies on improved efficiency and accelerated aging tests	Prof. Harish	Bharsilia	CSIR-National Aerospace Laboratories	Bangalor e	Dr. Audrey Soum	Glaude	Laboratoire procédés, matériaux et énergie solaire	Font Romeu Odeille Via
27	5908-2	Material Sciences	2D Materials for novel nano electronic device applications	Prof. Sandesh	Jadkar	Pune University	Pune	Prof. Abhay	Shukla	Université Curie	Paris
28	6002-1	Computational Sciences	Computing on Encrypted Data: New Paradigms in Functional Encryption	Dr. Shweta	Agarwal	IIT Madras, Chennai	Chennai	Dr. Benoit	Libert	Ecole Normale Superieure de Lyon	Lyon

29	6001-1	Pure And Applied Mathematics	High performance formation control in the presence of uncertainties and communication constraints	Prof. Sukumar	Srikant	IIT mumbai	Mumbai	Dr. Irinel Constantin	Morarescu	Centre De Recherche En Automatique De Nancy	Nancy
30	6003-1	Life and Health Sciences	Membrane Biogenesis in Apicomplexa parasites: Trafficking and recycling lipid sources for membrane remodelling as drug targets against malaria and toxoplasmosis	Dr. Asif	Mohammed	International Centre For Genetic Engineering And Biotechnology,	New Delhi	Dr. Cyrille Yan Botté	Botté	Institut Albert Bonniot (lab),	La Tronche
31	6003-2	Life And Health Sciences	Mechanism of miRNA-dependent and independent targeting of mRNAs to P-bodies	Dr. Suvendra Nath	Bhattacharya	CSIR-Indian Institute Of Chemical Biology,	Kolkata	Dr. Edouard	Bertrand	Institute Of Molecular Genetics Of Montpellier	Montpellier
32	6004-1	Pure And Applied Physics	Design and Control of many-body states in hybrid quantum systems	Prof. Manas Shreekanth	Kulkarni	TIFR	Bengaluru	Mr. Camille	Aron	Ecole Normale Supérieure	Paris
33	6005-1	Pure And Applied Chemistry	Enhanced CO2 adsorption and its photo-electrochemical conversion using semiconductor-metal complex hybrids	Dr. Suman Lata	Jain	CSIR-Indian Institute of Petroleum	Dehradun	Dr. Rabah	Boukherroub	Institute For Electronics Microelectronics And Nanotechnology,	Villeneuve

34	6005-2	Pure And Applied Chemistry	From molecules to aerosols and dust particles: applications to the physics and chemistry of planetary atmospheres and the interstellar medium	Prof. E. Arunan	Indian Institute Of Science, Bengaluru	Dr. Ludovic Biennier	Institute of Physics	Rennes cedex
35	6007-1	Earth And Planetary Sciences	Petrologic, Os isotopic and platinum-group element (PGE) geochemical studies of the Archean komatiites from the Singhbhum craton (eastern India): implications for chemical differentiation of the Earth and prospects for Ni-Cu-(PGE) sulfide mineralization	Prof. Sisir Kanti Mondal	Jadavpur University, Kolkata	Dr. Laurie Ceil Reisberg	Centre De Recherches Pétrographiques Et Géochimiques (Crpg),	Nancy
36	6008-1	Material Sciences	Nanowire white LEDs based on innovative nano-phosphors	Dr. Subrata Das	CSIR – National Institute for Interdisciplinary Science and Technology Thiruvananthapuram,	Ms. Maria Tchernycheva	Institut d'Electronique Fondamentale, University Paris Sud	Orsay

37	6101-1	Pure And Applied Mathematics	Maximal abelian subalgebras in operator algebras	Dr. Kunal Krishna	Mukherjee	Indian Institute of Technology-Madras	Chennai	Prof. Eric	Ricard	Université de Caen Normandie	Caen
38	6102-1	Computational Sciences	Integrating Machine Learning With Feature Selection To Build Interpretable Models For Precision Oncology	Prof. Shandar	Ahmad	Jawaharlal Nehru University	New Delhi	Dr. Pedro Ballester		Cancer Research Center of Marseille, INSERM U1068,	Marseille
39	6103-2	Life and Health Sciences	The genomic and evolutionary landscape of azole resistance in budding yeast	Dr. Himanshu	Sinha	Indian Institute of Technology-Madras	Chennai	Dr. Gianni	Liti	Institute for Research on Cancer and Ageing of Nice (IRCAN)	Nice
40	6103-1	Life and Health Sciences	How mechanical conflicts contribute to organ shape reproducibility in plants	Dr. Utpal	Nath	Indian Institute of Science	Bangalore	Dr. Olivier	Hamant	Reproduction et Développement des Plantes - UMR 5667-RDP	Lyon
41	6104-1	Pure And Applied Physics	Turbulent flows in equilibrium	Prof. Mahendra Kumar	Verma	Indian Institute of Technology	Kanpur	Mr. Stéphane	Fauve	Ecole Normale Supérieure, LPS	Paris

42	6104-2	Pure And Applied Physics	Optoelectronics in van der Waals heterostructures: from fundamentals to quantum device engineering	Dr. Atikur Rahman	Indian Institute of Science Education and Research	Pune	Dr. Stephane Berciaud	Université de Strasbourg	Strasbourg
43	6105-1	Pure And Applied Chemistry	ROYCE (diverSity Oriented sYnthesis of Complex hEterocycles)	Prof. Krishna Pillai	Department of Chemistry, IIT Bombay	Mumbai	Dr. Nicolas Yves Blanchard	Laboratoire Innovation Moléculaire Applications (LIMA)	Mulhouse
44	6108-1	Material Sciences	Plasmonic hot electron pockets as exciton luminescence promoters and regioselective chemical triggers	Dr. Jadab Sharma	Panjab University	Chandigarh	Dr. Erik Dujardin	Centre d'élaboration de matériaux et d'études structurales (CEMES), UPR8011	Toulouse
45	6109-1	Environmental Sciences	Chromium isotopes as tracers of environmental contamination and remediation	Prof. Abhas Singh	IIT Kanpur	Kanpur	Dr. Bernard Bourdon	ENS de Lyon	Lyon
46	62T4-1	Host-microbe-interactions in health and agriculture?	Macrophage lipid mobilization in tuberculosis infection	Dr. Sheetal Gandotra	Institute of Genomics and Integrative Biology	New Delhi	Mr. Abdou Rachid Thiam	Ecole Normale Supérieure	Paris

47	62T8-1	Multifunctional materials and the underlying science	New electron sources based on nonmetallic nanoneedles for ultrafast electron bunches	Prof. Ma	More	Savitribai Phule Pune University	Pune	Prof. Angela	Vella	Groupe de Physique des Matériaux – CNRS, UMR6634,	Rouvray
48	62T9-1	Exotic States of Materials and Quantum Criticality	Q-Walker: programmable quantum dynamics simulator	Dr. Sebastian	Wüster	Indian Institute of Science Education and Research	Bhopal	Prof. Shannon	Whitlock	Université de Strasbourg	Strasbourg
49	62T5-1	Biological questions using or developing Mathematical, computational or physical approaches	Understanding mechanobiological basis of the evolutionary diversity in spindles dynamics of nematodes	Prof. Chaitanya Anil	Athale	Indian Institute Science Education and Research,	Pune	Dr. Marie	Delatre	Laboratoire de Biologie et Modélisation de la Cellule (LBMC),	Lyon
50	62T10-3	Biological chemistry (chemistry for unravelling the biological process)	Fluorescent-amyloid-beta peptides to study interaction with copper, aggregation and reactive oxygen species	Prof. Govindaraju	Thimmaiah	Jawaharlal Nehru Centre for Advanced Scientific Research	Bangalore	Prof. Peter	Faller	Université de Strasbourg,	Strasbourg