

S.No.	Project No	Title of the project	Indian PI First Name	Indian PI Last Name	Indian Institution	City	French PI First Name	French PI last Name	French Institution	City
1	4800-B1	Studying the role of rpoN, the alternative sigma factor, in the pathogenicity of <i>R. solanacearum</i> , the causal agent of bacterial wilt in plants	Prof. Suvendra Kumar	Ray	Tezpur University	Tezpur	Dr. Stéphane	Genin	INRA Laboratoire des Interactions Plantes Micro-organisms-	Castanet Tolosan Cedex
2	5003-1	Muscle SC self-renewal: A stressful matter?	Prof. Jyotsna	Dhawan	National Centre for Biological Sciences, TIFR, Institute for Stem Cell Biology and Regenerative Medicine	Bangalore	Dr Ana	FERREIRO	INSERM (Institut National de la Santé et la Recherche Médicale)	Paris
3	5004-1	Advanced Computational Models to Facilitate Solar Activity and Space Weather Predictions	Dr. Dibyendu	Nandi	Indian Institute of Science Education and Research,	Mohanpur, Kolkata	Dr. Laurène	JOUVE	Institut de Recherches en Astrophysique et Planétologie	Toulouse
4	5005-1	Influence of the Resorcin[4]arene on the Catalytic Outcomes	Dr. R.	Ramesh	Bharathidasan University	Tiruchirappali, Tamil Nadu	Dr. D.	Sémeril	Université de Strasbourg	Strasbourg
5	5005-2	Design and synthesis of new C1-symmetric biaryl-based ligands and catalysts and their evaluation in asymmetric catalytic reactions	Dr. Pradeep	Kumar	National Chemical Laboratory	Pune	Dr. Frédéric	LEROUX	ECPM University of Strasbourg, UMR 7509/CNRS/ECPM – Chimie Moléculaire	Strasbourg
6	5103-1	The Immuno-Psychiatry in South India Study (IPS): Immunogenetic and Immuno-phenotype Characterization of Major Psychoses	Dr. Vir Singh	Negi	Jawaharlal Institute of Postgraduate Medical Education and Research	Pondicherry	Dr. Ryad	Tamouza	INSERM U 942, Saint Louis Hospital	Paris
7	5103-2	Olfactory Modulation of Insect Flight	Prof. Gaiti	Hasan	TIFR National Centre for Biological Sciences	Bangalore	Dr Jean-François	Ferveur	(CSGA) UMR-CNRS6265/INRA1324/	Dijon
8	5103-3	Genome-scale analysis of differential propensities of different chromosomal domains for horizontal gene insertion in <i>Escherichia coli</i>	Aswin Sai Narain	Seshasayee	TIFR National Centre for Biological Sciences	Bangalore	Marco Cosentino	Lagomarsino	UMR 7238 CNRS, UPMC	Paris
9	5103-4	Decipher the symbiotic program in tropical legumes	Dr. Maitrayee	DasGupta	University of Calcutta	Kolkata	Dr. Fabienne	Cartieaux	Laboratoire des Symbioses Tropicales & Méditerranéennes (IRD)	Montpellier
10	5104-1	Magnetic nanoparticles for hyperthermia and spintronics	Varsha	BANERJEE	Indian Institute of Technology	Delhi	Julian	CARREY	INSA Toulouse / Laboratoire de Physique et Chimie des Nano-Objets	Toulouse cedex
11	5104-2	SELF-SIMILAR OPTICAL PATTERNS IN NONLINEAR MEDIA	Prof. K.	Porsezian	Pondicherry University	Pondicherry	Prof. Ph.	Grelu	UMR 6303 CNRS, Université de Bourgogne	Dijon Cedex
12	5105-1	Glycochemical Studies on Mycobacterial Arabinomycolate	SRINIVAS	HOTHA	Indian Institute of Science Education and Research	Pune	THIERRY	BENVEGNI	Ecole Nationale Supérieure de Chimie de Rennes – UMR CNRS 6226	Rennes

13	5105-2	Molybdenum-containing enzymes: bioinspired peptidic catalysts for CO2 reduction	Surajit	SINHA	Indian Association for Cultivation of Science IACS	Kolkata	REGLIER	Marius	Aix-Marseille Université, ISM2 UMR CNRS	Marseille
14	5105-4	sp3 C-H Bond Activation with Ruthenium(II) Catalysts: Application to the Synthesis of Aliphatic N-Heterocyclic Natural Products	Dr. G. V. M.	Sharma	CSIR-Indian Institute of Chemical Technology	Hyderabad	Dr. Christian	Bruneau	Université de Rennes 1	Rennes
15	5108-1	Synthesis of Photocatalytic Porous Silicon-Containing Nitride and Oxynitride Nanocomposites	Dr. N.V	Ravi Kumar	Indian Institute of Technology-Madras	Chennai	Dr. Samuel	Bernard	Institut Européen des Membranes (IEM UMR 5635 CNRS)	Montpellier
16	5109-1	Survey of soil-Si pools and contribution of Si fertilization in a sustainable rice cultivation in South India	Dr N.B.	Prakash	University of Agricultural Sciences	Bangalore	Dr J.D.	Meunier	CEREGE-Université d'Aix-Marseille III	Marseille
17	5203-1	Molecular study of RH gene variants in Indians	Dr. Swati	Kulkarni	National Institute of Immunohaematology	Mumbai	Dr. Yann	FICHOU	Inserm U1078 Etablissement Français du Sang	Brest Cedex 2
18	5203-2	Insights on protein structural and evolutionary dynamics	Prof. Narayanaswamy	Srinivasan	Indian Institute of Science	Bangalore	Dr. G Alexandre de	Brevern	Université Paris Diderot	Paris
19	5203-3	Host-Virus Interactions and Antibody Therapy for Japanese Encephalitis	Dr Manjula	Kalia	Translational Health Science and Technology Institute	Faridabad	Dr Sebastien	Lacroix-Desmazes	INSERM (Institut National de la Santé Et de la Recherche Médicale)	Paris
20	5203-4	Novel inhibitors of NHEJ against resistant tumour cells	Dr. Sathees C. Raghavan	Raghavan	Indian Institute of Science	Bangalore	Dr.Jean-Baptiste	CHARBONNIER	CEA Saclay	Gif-s-Yvette
21	5203-5	Characterisation of factors that determine the balance between genomic integrity and diversity in Helicobacter pylori	Dr. Desirazu Narasimha	Rao	Indian Institute of Science	Bangalore	Dr J. Pablo	Radicella	CEA-Fontenay aux Roses	Fontenay aux Roses
22	5204-1	Monomode and multimode phase sensitive amplification and light storage	Dr.Rupamanjari	GHOSH	Shiv Nadar University	Greater Noida	Dr.Fabien	Bretenaker	Laboratoire Aimé Cotton-CNRS	Orsay
23	5204-2	Radio properties of clusters and galaxy lenses	Prof. Joydeep	Bagchi	Inter University Centre for Astronomy and Astrophysics	Pune	Dr.Bruno	Guideroni	Observatoire de Lyon- CRAL	Saint Genis Laval
24	5204-3	MODELLING PLASMA INSTABILITIES AND TRANSPORT IN A HALL THRUSTER	Prof.HITENDRA KUMAR	MALIK	Indian Institute of Technology	Delhi	Prof.Fabrice	DOVEIL	UMR 7345 du CNRS / Aix Marseille Université	Marseille
25	5204-4	Holography and its Applications	Prof.Sandip	Trivedi	Tata Institute of Fundamental Research	mumbai	Dr. Nick	Halmagyi	UPMC, Sorbonne Universités	Paris
26	5208-1	Plasticity of covalent nanoparticles	Prof. Umesh V.	Waghmare	Indian Institute of Science	Bangalore	Dr. Laurent	Pizzagalli	CNRS-University of Poitiers- ISAE ENSMA	Futuroscope
27	5208-2	Novel nanocatalysts synthesis guided by DNP NMR	Prof.Vivek	Polshettiwar	Tata Institute of Fundamental Research	mumbai	Prof. Olivier	Lafon	CNRS UMR, Université of Lille 1	Villeneuve d'Ascq

28	5302-1	Large-Scale Loss-based Learning via Energy Minimization	Prof. C V	Jawahar	International Institute of Information Technology Hyderabad	Hyderabad	Prof. Cordelia	Schmid	INRIA	Grenoble
29	5303-1	Deciphering the role of <i>Mycobacterium tuberculosis</i> Serine/Threonine protein phosphatase <i>PstP</i>	Dr. Vinay Kumar	Nandicoori	National Institute of Immunology	New Delhi	Dr. Virginie	Molle	Université Montpellier 2,	Place Eugène Bataillon
30	5303-2	Original biocompatible phosphorus dendrimers as a new strategy to tackle pulmonary tuberculosis	Prof. Kishore K	Srivastva	Central Drug Research Institute	Lucknow	Dr. Anne-Marie	Caminade	CNRS - UPR8241 Laboratoire de Chimie de Coordination	Toulouse
31	5304-1	Theoretical studies on ultra-cold Dipolar Gases	Prof. Rejish	Nath	Indian Institute of Science Education and Research Pune	Pune	Prof. Paolo	Pedri	CNRS -UMR7538 Laboratoire de Physique des Lasers	Villetaneuse
32	5304-2	Symmetries and dynamics: worldsheet and spacetime	Prof. Debashis	Ghoshal	Jawaharlal Nehru University	New Delhi	Prof. Ruben	Minasian	CEA – Saclay Institut de Physique Théorique	Orme des merisiers
33	5304-3	Quantum transport in 2D van der Waals heterostructures based on graphene and Boron Nitride	Dr. Aavek	Bid	Indian Institute of Science, Bangalore	Bangalore	Dr. Vincent	Bouchiat	Neel Institute CNRS-Grenoble	Grenoble
34	5305-1	Axially chiral biaryls from C-H activation & radicals	Dr. K Rajender	Reddy	Indian Institute of Chemical Technology Tarnaka	Hyderabad	Dr. Françoise	Colobert	ECPM-Chimie Moléculaire ;Université de Strasbourg, UMR 7509/CNRS/ECPM	Strasbourg
35	5307-1	Advanced time-domain integration schemes for the simulation of Earth and planetary core dynamics	Prof. Binod	Sreenivasan	Indian Institute of Science	Bangalore	Dr. Alexandre	Fournier	Institut de Physique du Globe	Paris
36	5308-1	Magnetism of self-organized structures at surfaces	Dr. Shobhana	Narasimhan	Jawaharlal Nehru Centre for Advanced Scientific Research	Bangalore	Dr. Sylvie C	Rousset	Université Paris Diderot – Paris 7, MPQ – UMR CNRS 7162	Paris
37	5300-B1	A comparative Systems Biology Approach for Understanding Desiccation Tolerance in Forage Grasses and Selaginella sps.	Dr. R.G.	Sharathchandra	Centre for Bioinformtion	Tumkur	Dr. Azeddine	Driouich	Université de Rouen, IRIB-PRIMACEN-IBiSA	Mont Saint-Aignan
38	5401-1	Sums of integers: Fourier, combinatorics, computation	Prof. Balasubramanian	Ramachandran	The Institute Of Mathematical Sciences	Chennai	Prof. Jean-Marc	Deshouillers	Institut Mathématique de Bordeaux	Talence
39	5403-1	Pathogenic Aspergillus: Interaction with innate immune cells	Dr. Lalitha	Prajna	Aravind Medical Research Foundation	Madurai	Prof. Jean-Paul	Latgé	Institut Pasteur	Paris
40	5404-1	LORIC: LOng-Range Interactions in ultraCold gases	Prof. Sadiqali Abbas	Rangwala	Raman Research Institute	Bangalore	Dr. Olivier	Dulieu	Laboratoire Aimé Cotton	Orsay
41	5404-2	Glimpses of New Physics	Prof. Gautam	Bhattacharyya	Saha Institute of Nuclear Physics	Kolkata	Dr. Emilian	Dudas	Ecole Polytechnique	Palaiseau
42	5405-1	H2 evolution: cheap catalysts for noble task	Prof. Abhishek	Dey	Indian Association For The Cultivation Of Science	Kolkata	Dr. Vincent	Artero	CEA Centre De Grenoble	Grenoble

43	5408-1	Understanding mechanical size effects in metallic micro-wires: synergy between experiments and simulation	Prof. Atul	Chokshi	Indian Institute Of Science	Bangalore	Prof. Ludovic	Thilly	Université De Poitiers	Futuroscope
44	5409-1	CHROmITe: Assessment of Chromium Release from sukinda mining Overburden: an IsoTopic, chemical, physical and microbiological study	Prof. S.	Subramanian	Indian Institute Of Science	Bangalore	Dr. Yann	Sivry	Institut De Physique Du Globe De Paris	Paris
45	5503-1	Elucidation of conserved molecular signatures and regulators for blood cell progenitor maintenance	Prof. Maneesha S	Inamdar	Jawaharlal Nehru Centre for Advanced Scientific Research	Bangalore	Dr Lucas	Waltzer	Centre de Biologie du Développement	Toulouse
46	5503-2	Molecular analysis of a capacitor Hox protein motif	Prof. L S	Shashidhara	Indian Institute of Science Education and Research	Pune	Dr. Samir	Merabet	Institut de Génomique Fonctionnelle de Lyon (IGFL) - ENS-Lyon CNRS/UMR5242,	Lyon
47	5504-1	Wavelet Graphs for Gravitational Wave Searches	Dr. Archana Arun	Pai	Indian Institute of Science Education and Research	Thiruvananthapuram	Dr. Eric	Chassande-Mottin	University Paris Diderot	Paris
48	5504-2	Cosmological evolution of the cold gas from quasar absorption lines	Prof. Neeraj	GUPTA	Inter-University Center for Astronomy and Astrophysics	Pune	Dr. Pasquier	Noterdaeme	Institut d'Astrophysique de Paris	Paris
49	5504-3	Electrical addressing and control of the plasmonic properties of coupled metal nanowire	Prof G.V. Pavan	Kumar	Indian Institute of Science Education and Research,	Pune	Dr. Alexandre	Bouhelier	Universit' e de Bourgogne	Mont st. Aignan
50	5505-1	N-Heterocyclic Carbene (NHC)-Organocatalyzed Enantioselective Trifluoromethylation and Trifluoromethylthiolation of Unactivated C-H Bonds	Dr. Akkattu T	Biju	CSIR-National Chemical Laboratory	Pune	Dr. Tatiana	BESSET	Université de Rouen	Mont Saint Aignan
51	5505-2	Chiral Phosphahelicenes in Gold(I) Enantioselective Catalysis	Prof. Akhil Kumar	Sahoo	University of Hyderabad	Hyderabad	Dr. Angela	Marinetti	Institut De Chimie Des Substances Naturelles (ICSN), UPR2301	Gif-sur-Yvette
52	5601-1	p-adic aspects of automorphic forms and their L-functions	Prof. Anantharam	Raghuram	Indian Institute Science Education And Research	Pune	Mr. Mladen	Dimitrov	CNRS / University Lille 1	Lille
53	5603-1	Functional genomics of glioblastoma: from epigenetics to proteomic investigation of tumor initiating cell secretome	Dr. Kumaravel	Somasundaram	Indian Institute Of Science	Bangalore	Dr. Philippe	Marin	Université de Montpellier	Montpellier
54	5604-1	Modeling Soft Glassy Flow from Micro to Macro Scale	Dr. Pinaki	Chaudhuri	Institute of Mathematical Sciences	Chennai	Dr. Kirsten	Martens	Laboratoire Interdisciplinaire de Physique Université Paris-Sud-	Orsay
55	5604-2	Extreme events and large deviations in strongly correlated many body systems	Prof. Abhishek	Dhar	International Centre For Theoretical Sciences	Bangalore	Dr. Gregory	Schehr	Laboratoire de Physique Théorique et Modèles Statistiques (LPTMS)	Paris

56	5604-3	Interplay between MgO oxygen vacancies and tunnelling spin transfer torque	Dr. Pranaba	Kishor Muduli	Indian Institute Of Technology	New Delhi	Dr. Martin	Oliver Bowen	Institut of Physics and Chemistry of Strasbourg	Strasbourg
57	5604-4	Nuclear structure at the extreme of isospin and spin.	Dr. Sarmishtha	Bhattacharyya	Variable Energy Cyclotron Center	Kolkata	Dr. Navin	Alahari	GANIL	Grenoble
58	5605-1	Metal chelators derived from imidazole thiones and selones for detoxification	Dr. Gouriprasanna	Roy	Shiv Nadar University	Greater Noida	Dr. Pascale	Delangle	CEA Centre de Grenoble INAC / SyMMES,	Grenoble
59	5607-1	Impact of the Indian Monsoon convection on the Tropical Tropopause Layer and climate	Prof. Kesavapillai	Mohanakumar	Cochin University of Science & Technology	Ernakulam	Dr. Bernard	Legras	Ecole Normale Supérieure	Paris
60	5608-1	Biodegradable core shell electrospun mats and interconnected porous scaffolds for tunable anticancer drug delivery and tissue engineering application	Prof. Narayana	S Kalkura	Anna University	Chennai	Dr. Mikhael	Bechelany	European Institute of Membranes de Montpellier	Montpellier
61	5608-2	Studies on the Topological Insulator Behaviour in Heavy Metal based Ternary Chalcogenides	Dr. Sebastian Chirambatte	Peter	Jawaharlal Nehru Centre For Advanced Scientific Research	Bangalore	Dr. Marie-Aude	Measson	University Paris Diderot	Paris
62	5702-1	The Economics of Networks and Queues	Prof. Manjesh Kumar	Hanawal	Indian Institute of Technology, Bombay	Mumbai	Dr. Yezekael	Hayel	Université d'Avignon	Avignon
63	5703-1	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
64	5703-2	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
65	5704-1	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
66	5705-1	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
67	5708-1	DURABLE FUEL CELLS BASED ON POLYMER COATED NANOCARBON COMPOSITES (DUPONT)	Prof. Ramaprabhu	Sundara	Indian Institute of Technology	Chennai	Prof. Wolfgang	Basca	Centre d'Élaboration de Matériaux et d'Études Structurales	Toulouse