

Last name	First name	Host institution (HI)	HI Country	Acronym	Title	Panel
CONSTANTIN	Adrian	Universität Wien	AT	NWFV	Nonlinear studies of water flows with vorticity	PE1
HENZINGER	Thomas A.	Institute of Science and Technology Austria	AT	QUAREM	Quantitative Reactive Modeling	PE6
HENNEAUX	Marc	Université Libre de Bruxelles	BE	SyDuGraM	Symmetries and Dualities in Gravity and M-theory	PE2
BAETS	Roel	Universiteit Gent	BE	InSpectra	Silicon-photonics-based laser spectroscopy platform: towards a paradigm shift in environmental monitoring and health care	PE7
MONOD	Nicolas	Ecole Polytechnique Fédérale de Lausanne	CH	RIGIDITY	Rigidity: Groups, Geometry and Cohomology	PE1
SANDOGHDAR	Vahid	Eidgenössische Technische Hochschule Zürich	CH	SINGLEION	Spectroscopy and microscopy of single ions in the solid state	PE2
ELLIS	Jonathan Richard	CERN - European Organization for Nuclear Research	CH	Terauniverse	Exploring the Terauniverse with the LHC, Astrophysics and Cosmology	PE2
MATILE	Stefan	Université de Genève	CH	FUBSSY	Functional Biosupramolecular Systems: Photosystems and Sensors	PE5
CONSTABLE	Edwin Charles	Universität Basel	CH	LILo	Light-In, Light-Out: Chemistry for sustainable energy technologies	PE5
SETTER	Nava	Ecole Polytechnique Fédérale de Lausanne	CH	MOBILE-W	Exploring Mobile Interfaces: Domain Walls as Functional Elements	PE5
ODERSKY	Martin Maria Anton Nikolaus	Ecole Polytechnique Fédérale de Lausanne	CH	DOPPLER	Domain-optimised parallelisation by polymorphic language embeddings and rewritings	PE6
NELSON	Bradley	Eidgenössische Technische Hochschule Zürich	CH	BOTMED	Microrobotics and Nanomedicine	PE7
UNSER	Michael	Ecole Polytechnique Fédérale de Lausanne	CH	FUN-SP	A functional framework for sparse, non-gaussian signal processing and bioimaging	PE7
HIERLEMANN	Andreas	Eidgenössische Technische Hochschule Zürich	CH	NeuroCMOS	Seamless Integration of Neurons with CMOS Microelectronics	PE7
JUNGWIRTH	Tomas	Fyzikální ústav AV • R v. v. i.	CZ	0MSPIN	Spintronics based on relativistic phenomena in systems with zero magnetic moment	PE3
MIELKE	Alexander	Forschungsverbund Berlin e.V.	DE	AnaMultiScale	Analysis of Multiscale Systems Driven by Functionals	PE1
MEHRMANN	Volker	Technische Universität Berlin	DE	MODSIMCONMP	Modeling, Simulation and Control of Multi-Physics Systems	PE1
CUNTZ	Joachim Johannes Richard	Westfälische Wilhelms-Universität Münster	DE	ToDyRIC	Topological Dynamics of Rings and C*-algebras	PE1
JOST	Jürgen	Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.	DE	VARIOGEO	The Geometric Calculus of Variations and its Applications	PE1
BURAS	Andrzej J.	Technische Universität München	DE	FLAVOUR	Towards the Construction of the Fundamental Theory of Flavour	PE2
MORFILL	Gregor Eugen	Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.	DE	INTERCOCOS	Interdisciplinary research: Connecting complex plasmas with colloidal dispersions	PE2
PFAU	Tilman	Universität Stuttgart	DE	LIQAD	Long-range interacting quantum systems and devices	PE2
HÄNSCH	Theodor	Ludwig-Maximilians-Universität München	DE	MULTICOMB	Multidimensional laser frequency comb spectroscopy of molecules	PE2
MOLENKAMP	Laurens Wigbolt	Julius-Maximilians Universität Würzburg	DE	3-TOP	Exploring the physics of 3-dimensional topological insulators	PE3
EREMETS	Mikhail	Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.	DE	MetallicHydrogen	Exploring conductive and metallic hydrogen	PE3
LEO	Karl	Technische Universität Dresden	DE	NUDEV	New Organic Semiconductor Device Concepts	PE3
WRACHTRUP	Joerg	Universität Stuttgart	DE	SQUTEC	Solid State Quantum Technology and Metrology Using Spins	PE3
FELDMANN	Jochen	Ludwig-Maximilians-Universität München	DE	HYMEM	Hybrid Nanosystems in phospholipid membranes	PE4
BRAUNSCHWEIG	Holger	Julius-Maximilians Universität Würzburg	DE	borylenefun	The versatile metal-boron multiple bond: application of borylenes to metathesis, catalysis, and macromolecules	PE5
FAMULOK	Michael	Rheinische Friedrich-Wilhelms-Universität Bonn	DE	DNA Machines	Nanomachines based on interlocked DNA architectures	PE5
LIST	Benjamin	Max-Planck-Institut für Kohlenforschung	DE	HIPOCAT	High Performance Lewis Acid Organocatalysis	PE5
MUELLEN	Klaus	Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.	DE	NANOGRAPH	The Chemists Way of Making and Utilizing Perfect Graphenes	PE5
BURGARD	Wolfram	Albert-Ludwigs-Universität Freiburg	DE	LifeNav	Reliable Lifelong Navigation for Mobile Robots	PE7
BUSS	Martin	Technische Universität München	DE	SHRINE	Seamless Human Robot Interaction in Dynamic Environments	PE7

TERNES	Thomas	Bundesanstalt fuer Gewaesserkunde	DE	ATHENE	Designing new technical wastewater treatment solutions targeted for organic micropollutant biodegradation, by understanding enzymatic pathways and	PE8
BRINKSMEIER	Ekkard	Foundation Institute of Materials Science (IWT)	DE	CoolArt	Science-based Paradigm Shift for Metalworking Fluids - the Art of Cooling	PE8
WASSERSCHIED	Peter	Friedrich-Alexander-Universitaet Erlangen-Nuernberg	DE	H2-SMS-CAT	Engineering of Supported Molten Salt Catalysts for Dehydrogenation Reactions and Hydrogen Production Technologies	PE8
CANFIELD	Donald Eugene	Syddansk Universitet	DK	OXYGEN	How oxygen regulates the structure and function of microbial ecosystems	PE10
FARINA	Dario	Aalborg Universitet	DK	REMOVE	Decoding the neural code of human movements for a new generation of man-machine interfaces	PE7
CHRISTENSEN-DALSGAARD	Jørgen	Aarhus Universitet	DK	ASTERISK	ASTERoseismic Investigations with SONG and Kepler	PE9
PANDIS	Spyros	Foundation for Research and Technology Hellas	EL	ATMOPACS	Atmospheric Organic Particulate Matter, Air Quality and Climate Change Studies	PE10
KONSTANDOPOULOS	Athanasios	Centre for Research and Technology Hellas	EL	ARMOS	Advanced multifunctional Reactors for green Mobility and Solar fuels	PE8
RUBIO	Angel	Universidad del Pais Vasco	ES	DYNamo	Dynamical processes in open quantum systems: pushing the frontiers of theoretical spectroscopy	PE4
LIZ-MARZÁN	Luis Manuel	Universidade de Vigo	ES	PLASMAQUO	Development of plasmonic quorum sensors for understanding bacterial-eukaryotic cell relations	PE5
SERRA	Xavier	Universitat Pompeu Fabra	ES	CompMusic	Computational models for the discovery of the world's music	PE6
SANTAMARÍA	Jesús	Universidad de Zaragoza	ES	HECTOR	Microwave-assisted microreactors: development of a highly efficient gas phase c	PE8
JIMÉNEZ	Javier	Universidad Politécnica de Madrid	ES	MULTIFLOW	Multiscale dynamics of turbulent flows	PE8
OÑATE	Eugenio	CIMNE - Centre Internacional de Mètodes Numèrics en Enginyeria	ES	SAFECON	New Computational Methods for Predicting the Safety of Constructions to Water Hazards accounting for Fluid-Soil-Structure Interactions	PE8
PÄIVÄRINTA	Lassi Juhani	Helsingin yliopisto	FI	InvProb	Inverse Problems	PE1
CORON	Jean-Michel	Université Pierre et Marie Curie - Paris 6	FR	CPDENL	Control of partial differential equations and nonlinearity	PE1
AMMARI	Habib	CNRS - Centre National de la Recherche Scientifique	FR	MULTIMOD	Multi-Mathematics for Imaging and Optimal Design Under Uncertainty	PE1
MARTY	Bernard	CNRS - Centre National de la Recherche Scientifique	FR	NOGAT	Noble gas tracing of sources and sinks of volatile elements in the atmosphere	PE10
ROMANOWICZ	Barbara	Institut de Physique du Globe de Paris	FR	WAVETOMO	Imaging earth's internal structure using full waveform tomography	PE10
BLAIZOT	Jean-Paul	CNRS - Centre National de la Recherche Scientifique	FR	QCdMat	Strongly Coupled QCD Matter	PE2
ASPECT	Alain	CNRS - Centre National de la Recherche Scientifique	FR	QUANTATOP	Quantum Atom Optics	PE2
BARTHÉLÉMY	Agnès	Université Paris Sud XI	FR	FEMMES	from Entangled Pairs to Strongly Correlated Systems	PE2
CROQUETTE	Vincent	CNRS - Centre National de la Recherche Scientifique	FR	MagRepS	FerroElectric Multifunctional tunnel junctions for MEMristors and Spintronics	PE3
BOCQUET	Lydéric	Université Claude Bernard Lyon 1	FR	MICROMEAS	High-resolution tweezers for DNA replication and sequence identification	PE3
CILIBERTO	Sergio	CNRS - Centre National de la Recherche Scientifique	FR	OutEFLUCOP	Nanofluidics inside a single carbon nanotube	PE3
PILENI	Marie-Paule	Université Pierre et Marie Curie - Paris 6	FR	SUPRANANO	Out of Equilibrium Fluctuations in Confined Phase Transitions	PE3
SEZNEC	Andre	INRIA - Institut national de recherche en informatique et en automatique	FR	DAL	From metal nanocrystal to supracrystal: crystallinity at nanometer and micrometer scales	PE4
PONCE	Jean	INRIA - Institut national de recherche en informatique et en automatique	FR	VideoWorld	DAL: Defying Amdahl's Law	PE6
SILK	Joseph Ivor	Université Pierre et Marie Curie - Paris 6	FR	DARK	Modeling, interpreting and manipulating digital video	PE6
LE FEVRE	Olivier	Université de Provence	FR	EARLY	Dark Matters	PE9
BOULANGER	François	CNRS - Centre National de la Recherche Scientifique	FR	MISTIC	Early phases of galaxy evolution	PE9
COMBES	Françoise	Observatoire de Paris	FR	MOMENTUM	Mastering the dusty and magnetized Interstellar Screen to Test Inflation Cosmology	PE9
BARANY	Imre	MTA Rényi Alfréd Matematikai Kutatóintézet	HU	DISCONV	Angular momentum transfer in galaxy formation and evolution	PE9
TOTIK	Vilmos	University of Szeged	HU	PotentialTheory	Discrete and convex geometry: challenges, methods, applications	PE1
LINDENSTRAUSS	Elon	The Hebrew University of Jerusalem	IL	GmodGammaDynamics	Potential theoretic methods in approximation and orthogonal polynomials	PE1
					Dynamics on homogeneous spaces, spectra and arithmetic	PE1

SILBERBERG	Yaron	The Weizmann Institute of Science	IL	QUAMI	The Quantum Microscope	PE2
FINEBERG	Jay	The Hebrew University of Jerusalem	IL	FRACFRIC	Fracture and Friction: Rapid Dynamics of Material Failure	PE3
PROCACCIA	Itamar	The Weizmann Institute of Science	IL	STANPAS	Statistical and Nonlinear Physics of Amorphous Solids	PE3
WILLNER	Itamar	The Hebrew University of Jerusalem	IL	NanoSensoMach	Nanoengineered Nanoparticles and Quantum Dots for Sensor and Machinery Applications	PE5
KRAUS	Sarit	Bar-Ilan University	IL	CAP	Computers Arguing with People	PE6
KIMMEL	Ron	Technion - Israel Institute of Technology	IL	NORDIA	Non-Rigid Shape Reconstruction and Deformation Analysis	PE6
ZANNIER	Umberto	Scuola Normale Superiore di Pisa	IT	Diophantine Problems	Integral and Algebraic Points on Varieties, Diophantine Problems on Number Fields and Function Fields	PE1
BARBANTE	Carlo	Università Ca' Foscari di Venezia	IT	EARLYhumanIMPACT	How long have human activities been affecting the climate system?	PE10
MARTINELLI	Guido	Scuola Internazionale Superiore di Studi Avanzati	IT	DaMESyFla	Electroweak Symmetry Breaking, Flavor and Dark Matter: One Solution for Three Mysteries	PE2
ZECCHINA	Riccardo	Politecnico di Torino	IT	OPTINF	Optimization and inference algorithms from the theory of disordered systems: theoretical challenges and applications to large-scale inverse problems in	PE2
STRINGARI	Sandro	Università degli Studi di Trento	IT	QGBE	Quantum Gases Beyond Equilibrium	PE2
SESSOLI	Roberta	Università degli Studi di Firenze	IT	MolNanoMaS	Molecular Nanomagnets at Surfaces: Novel Phenomena for Spin-based Technologies	PE3
MYLOPOULOS	John	Università degli Studi di Trento	IT	Lucretius	Foundations for Software Evolution	PE6
FERRARO	Francesco Rosario	Alma Mater Studiorum - Università Di Bologna	IT	Cosmic-Lab	Star clusters as cosmic laboratories for Astrophysics, Dynamics and Fundamental Physics	PE9
OPDAM	Eric	Universiteit van Amsterdam	NL	HARG	Harmonic analysis on reductive groups	PE1
DEN HOLLANDER	Frank	Universiteit Leiden	NL	VARIS	Variational Approach to Random Interacting Systems	PE1
VERLINDE	Erik Peter	Universiteit van Amsterdam	NL	EMERGRAV	Emergent Gravity, String Theory and the Holographic Principle	PE2
LOHSE	Detlef	Universiteit Twente	NL	PhysBoil	Physics of liquid-vapor phase transition	PE3
POLMAN	Albert	Stichting voor Fundamenteel Onderzoek der Materie - FOM	NL	PLASMETA	Plasmonic Metamaterials	PE3
VAN GRONDELLE	Rienk	Vereniging Voor Christelijk Hoger Onderwijs, Wetenschappelijk Onderzoek En Patiëntenzorg	NL	PHOTPROT	The Dynamic Protein Matrix in Photosynthesis: From Disorder to Life.	PE4
FRENKEN	Joost W.M.	Universiteit Leiden	NL	SciFri	Science Friction	PE4
COHEN STUART	Martinus Abraham	Universiteit van Wageningen	NL	BioMate	Soft Biomade Materials: Modular Protein Polymers and their nano-assemblies	PE5
ZANDBERGEN	Henny	Technische Universiteit Delft	NL	NEMinTEM	In-situ NanoElectrical Measurements in a Transmission Electron Microscope	PE5
HESEL	Volker	Technische Universiteit Eindhoven	NL	NPW	Novel Process Windows - Boosted Micro Process Technology	PE8
STANKIEWICZ	Andrzej Ignacy	Technische Universiteit Delft	NL	TOPCHEM	Towards Perfect Chemical Reactors: Engineering the Enhanced Control of Reaction Pathways at Molecular Level via	PE8
TORSVIK	Trond Helge	Universitetet i Oslo	NO	BPT	Beyond plate tectonics	PE10
HELGAKER	Trygve Ulf	Universitetet i Oslo	NO	ABACUS	Ab-initio adiabatic-connection curves for density-functional analysis and construction.	PE4
FOMIN	Fedor	Universitetet i Bergen	NO	PREPROCESSING	Rigorous theory of preprocessing	PE6
SILVA	Luis	Instituto Superior Técnico	PT	ACCELERATES	Acceleration in Extreme Shocks: from the microphysics to laboratory and astrophysics scenarios	PE2
EWING	Andrew	Göteborgs universitet	SE	NanoCellImage	Ultrasmall Chemical Imaging of Cells and Vesicular Release	PE4
GRANQVIST	Claes-Goran	Uppsala universitet	SE	GRINDOOR	Green Nanotechnology for the Indoor Environment	PE5
LJUNG	Lennart	Linköpings universitet	SE	LEARN	Limitations, Estimation, Adaptivity, Reinforcement and Networks in System Identification	PE7
STEMME	Göran	Kungliga Tekniska Högskolan	SE	xMEMs	Towards Cost-Efficient Flexible Heterogeneous Integration for Micro- and Nanosystem Fabrication	PE8
HOLM	Darryl	Imperial College of Science, Technology and Medicine	UK	FCCA	Five Challenges in Computational Anatomy	PE1
HIGHAM	Nicholas John	University of Manchester	UK	MATFUN	Functions of Matrices: Theory and Computation	PE1

PYLE	John Adrian	The Chancellor, Masters and Scholars of the University of Cambridge	UK	ACCI	Atmospheric Chemistry-Climate Interactions	PE10
WOOD	Bernard	The Chancellor, Masters and Scholars of the University of Oxford	UK	EARTHGROWTH	The construction of Planet Earth	PE10
ELDERFIELD	Henry	The Chancellor, Masters and Scholars of the University of Cambridge	UK	NEWLOG	New Directions Linking Ocean Geochemistry, Biomineralization and Palaeoclimate	PE10
BALLENTINE	Christopher John	University of Manchester	UK	NOBLE	The Origin, Accretion and Differentiation of Extreme Volatiles in Terrestrial Planets	PE10
WINTER	Andreas	University of Bristol	UK	IRQUAT	Information and Randomness in Quantum Theory	PE2
DAINTON	John	University of Liverpool	UK	UniversaLepto	Test of Lepton Flavour Universality with Kaon Decays	PE2
WALES	David	The Chancellor, Masters and Scholars of the University of Cambridge	UK	COMPSELF	Self-Organisation: From Molecules to Matter	PE4
PARKER	David	University of Durham	UK	FCC	Functional Coordination Chemistry	PE4
BARRETT	Anthony Gerard Martin	Imperial College of Science, Technology and Medicine	UK	KetenCyclc	Biomimetic Late Stage Aromatisation Reactions: from Cancer Chemotherapy to Novel Polymers	PE5
MANN	Stephen	University of Bristol	UK	PMELT	New Frontiers in Protein-based Nanomaterials	PE5
CLAYDEN	Jonathan	University of Manchester	UK	ROCOCO	Conformational communication and control	PE5
BEER	Paul	The Chancellor, Masters and Scholars of the University of Oxford	UK	SUPRAIMAGINGMACHINES	Ditopic Imaging Agents, Interlocked Sensors and Machines	PE5
WINSKEL	Glynn	The Chancellor, Masters and Scholars of the University of Cambridge	UK	ECSYM	Events, Causality and Symmetry-the next-generation semantics	PE6
TURITSYN	Sergei	Aston University	UK	ULTRALASER	Ultralong fibre lasers	PE7
FISHER	John	University of Leeds	UK	regenknee	Re engineering and regenerating the knee	PE8
LANGDON	Terence G.	University of Southampton	UK	SPDMETALS	Using Severe Plastic Deformation for the Processing of Bulk Nanostructured Metals	PE8
FENDER	Robert Philip	University of Southampton	UK	4PI-SKY	4 pi sky: Extreme Astrophysics with Revolutionary Radio Telescopes	PE9
FRENK	Carlos Silvestre	University of Durham	UK	COSMIWAY	From the Milky Way to the cosmic large-scale structure	PE9
TENNYSON	Jonathan	University College London	UK	ExoMol	ExoMol: molecular line lists for exoplanet atmospheres	PE9

Physical sciences and Engineering	Life Sciences	Social Sciences and Humanities
PE1 Mathematical foundations	LS1 Molecular and Structural Biology and Biochemistry	SH1 Individuals, institutions and markets
PE2 Fundamental constituents of matter	LS2 Genetics, Genomics, Bioinformatics and Systems Biology	SH2 Institutions, values, beliefs and behaviour
PE3 Condensed matter physics	LS3 Cellular and Developmental Biology	SH3 Environment and society
PE4 Physical and analytical chemical sciences	LS4 Physiology, Pathophysiology and Endocrinology	SH4 The Human Mind and its complexity
PE5 Materials and synthesis	LS5 Neurosciences and neural disorders	SH5 Cultures and cultural production
PE6 Computer science and informatics	LS6 Immunity and infection	SH6 The study of the human past
PE7 Systems and communication engineering	LS7 Diagnostic tools, therapies and public health	
PE8 Products and process engineering	LS8 Evolutionary, population and environmental biology	
PE9 Universe sciences	LS9 Applied life sciences and biotechnology	
PE10 Earth system science		

EU Member States	FP7 Associated Countries
AT Austria	AL Albania
BE Belgium	BA Bosnia and Herzegovina
BG Bulgaria	CH Switzerland
CY Cyprus	HR Croatia
CZ Czech Republic	IL Israel
DE Germany	IS Iceland
DK Denmark	FO Faroe Islands
EE Estonia	LI Liechtenstein
EL Greece	ME Montenegro
ES Spain	MK FYR of Macedonia
FI Finland	NO Norway
FR France	RS Serbia
HU Hungary	TR Turkey
IE Ireland	
IT Italy	
LT Lithuania	
LU Luxembourg	
LV Latvia	
MT Malta	
NL Netherlands	
PL Poland	
PT Portugal	
RO Romania	
SE Sweden	
SI Slovenia	
SK Slovakia	
UK United Kingdom	