

Last Name	First Name	Host Institution (HI)	HI Country	Acronym	Project Title	Panel
ALEXA	Marc	Technische Universitaet Berlin	DE	XShape	Expressive Shape: Intuitive Creative and Optimization of 3D Geometry	PE6
ALLIEZ	Pierre	Institut National de Recherche en Informatique et en Automatique	FR	IRON	Robust Geometry Processing	PE6
ALOY-TORÁS	Miguel-Ángel	Universitat de Valencia	ES	CAMAP	CAMAP: Computer Aided Modeling for Astrophysical Plasmas	PE9
ANASTASIOU	Charalampos	Eidgenössische Technische Hochschule Zürich	CH	IterQCD	Iterative solution of the QCD perturbative expansion	PE2
AOKI	Dai	Commissariat à l'Energie Atomique (CEA)	FR	NewHeavyFermion	Novel materials and extreme conditions to open new frontiers in heavy fermion physics	PE3
AROMI	Guillem	Universitat de Barcelona	ES	FuncMolQIP	Design and Preparation of Functional Molecules for Quantum Computing and Information Processing	PE5
ARZHANTSEVA	Gulnara	Universite de Neuchatel	CH	ANALYTIC	Analytic properties of infinite groups: limits, curvature, and randomness	PE1
ASHKENASY	Gonen	Ben-Gurion University of the Negev	IL	Bottom-up_SysChem	Systems Chemistry from Bottom Up: Switching, Gating and Oscillations in Non Enzymatic Peptide Networks	PE5
AVILA CORDEIRO DE MELO	Artur	Centre National de la Recherche Scientifique (CNRS)	FR	quasiperiodic	Dynamics of quasiperiodic type	PE1
BADIA RODRÍGUEZ	Santiago Ignacio	Centre Internacional de Metodes Numeric en Enginyeria	ES	COMFUS	Computational Methods for Fusion Technology	PE8
BAIGL	Damien	Ecole Normale Supérieure	FR	GenePhysChem	Spatio-temporal control of gene expression by physico-chemical means: from in vitro photocontrol to smart drug delivery	PE5
BÄBLER	Michael	Institut fuer Mikrotechnik Mainz GmbH	DE	PoCyton	A Novel Detection Scheme to Enable Point of Care Flow Cytometry	PE7
BENA	Viorica Cristina	Universite Paris-Sud XI	FR	Nano-Graphene	Understanding the Electronic Properties of Carbon Nanotubes and Graphene as Quantum Conductors	PE3
BENBENISHTY SHPILKA	Amir	Technion - Israel Institute of Technology.	IL	LBITAC	Lower Bounds and Identity Testing for Arithmetic Circuits	PE6
BHARGAVAN	Karthikeyan	Institut National de Recherche en Informatique et en Automatique	FR	CRYSP	CRYSP: A Novel Framework for Collaboratively Building Cryptographically Secure Programs and their Proofs	PE6
BLOMER	Valentin	Georg-August-Universitaet Goettingen Stiftung Oeffentlichen Rechts	DE	ANTHOS	Analytic Number Theory: Higher Order Structures	PE1
BODIRSKY	Manuel	Centre National de la Recherche Scientifique (CNRS)	FR	CSP-Complexity	Constraint Satisfaction Problems: Algorithms and Complexity	PE6
BOS	Herbert	Vereniging voor Christelijk Hoger Onderwijs Wetenschappelijk Onderzoek en Patientenzorg	NL	ROSETTA	Rosetta's Way Back to the Source: Towards Reverse Engineering of Complex Software	PE6
BOURNAUD	Frederic	Commissariat à l'Energie Atomique (CEA) - Centre de Saclay	FR	GALSICO	Resolving Galaxy formation: Small-scale Internal physics in the Cosmological context	PE9
BRADSHAW	Darren	The University of Liverpool	UK	BIOMOF	Biomimetic-inspired growth and processing of metal-organic frameworks	PE5
BRAUN	Dieter	Ludwig-Maximilians-Universitaet Muenchen	DE	Auto-Evo	Autonomous DNA Evolution in a Molecule Trap	PE3
BREMLER-BARR	Anat	Interdisciplinary Center (IDC) Herzliya	IL	DPI	Deep Packet Inspection to Next Generation Network Devices	PE7
BROWN	Francis	Centre National de la Recherche Scientifique (CNRS)	FR	PAGAP	Periods in Algebraic Geometry and Physics	PE1
CARBONE	Fabrizio	Ecole Polytechnique Federale de Lausanne	CH	USED	Ultrafast Spectroscopic Electron Diffraction (USED) of quantum solids and thin films	PE3
CARDOSO	Vitor Manuel Dos Santos	Instituto Superior Tecnico	PT	DyBHo	The dynamics of black holes: testing the limits of Einstein's theory	PE2
CHASE	Brian	Universitetet i Bergen	NO	HYRAX	Rock Hyrax Middens and Climate Change in Southern Africa during the last 50,000 years	PE10
COLCOMBET	Thomas	Centre National de la Recherche Scientifique (CNRS)	FR	GALE	Games and Automata for Logic Extensions	PE6

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COLEMAN	Jonathan Nesbitt	The Provost Fellows & Scholars of the College of the Holy and undivided Trinity of Queen Elizabeth near Dublin	IE	SEMANTICS	Semiconducting and Metallic nanosheets: Two dimensional electronic and mechanical materials	PE4
COLLETTINI	Cristiano	Istituto Nazionale di Geofisica e Vulcanologia	IT	GLASS	InteGrated Laboratories to investigate the mechanics of ASeismic vs. Seismic faulting	PE10
CORTIER	Veronique	Centre National de la Recherche Scientifique (CNRS)	FR	ProSecure	Provably secure systems: foundations, design, and modularity	PE6
CRAMER	Nicolai	Eidgenössische Technische Hochschule Zürich	CH	DECCAPAC	Design and Exploitation of C-C and C-H Activation Pathways in Asymmetric Catalysis	PE5
CSONKA	Szabolcs	Budapesti Muszaki es Gazdasagtudományi Egyetem	HU	CooPairEnt	Cooper pairs as a source of entanglement	PE3
CUPPEN	Hermina Margaretha (Herma)	Stichting Katholieke Universiteit	NL	KISMOL	Kinetics in Soft Molecular Layers - from interstellar ices to polymorph control	PE4
D'ASPREMONT	Alexandre	Centre National de la Recherche Scientifique (CNRS)	FR	SIPA	Semidefinite Programming with Applications in Statistical Learning	PE1
DAVIES	Siwan Manon	Swansea University	UK	TRACE	Tephra constraints on rapid climatic events	PE10
DEEN	Niels Gerbrand	Universiteit Twente	NL	CuttingBubbles	Bubbles on the Cutting Edge	PE8
DIEHL	Moritz Diehl	Katholieke Universiteit Leuven	BE	HIGHWIND	Simulation, Optimization and Control of High-Altitude Wind Power Generators	PE7
DOUGAN	Lorna	University of Leeds	UK	EXTREME BIOPHYSICS	Extreme biophysics: single molecule characterisation of extremophilic protein folding	PE5
DUCATI	Caterina	The Chancellor, Masters and Scholars of the University of Cambridge	UK	Photo-EM	Solar cells at the nanoscale: imaging active photoelectrodes in the transmission electron microscope.	PE4
DUNKLEY	Joanna	The Chancellor, Masters and Scholars of the University of Oxford	UK	FPCMB	Fundamental Physics from the Cosmic Microwave Background	PE9
EECKHOUT	Lieven	Universiteit Gent	BE	DPMP	Dependable Performance on Many-Thread Processors	PE6
ELEMANS	Johannes	Stichting Katholieke Universiteit	NL	NANOCAT	Catalysis at the Nanoscale	PE4
EPELBAUM	Evgeny	Forschungszentrum Juelich GmbH	DE	NuclearEFT	Nuclear Physics from Quantum Chromodynamics	PE2
ERDELYI	Mate	Goeteborgs Universitet	SE	HALOGEN	Understanding Halogen Bonding in Solution: Investigation of Yet Unexplored Interactions with Applications in Medicinal Chemistry	PE4
ERIKSEN	Hans Kristian	Universitetet i Oslo	NO	Anisotropic universe	The anisotropic universe -- a reality or fluke?	PE9
ERSCHLER	Anna	Centre National de la Recherche Scientifique (CNRS)	FR	RaWG	Random walks and Growth of Groups	PE1
FABRIZIO	Mancin	Universita degli Studi di Padova	IT	MOSAIC	Patterning the surface of monolayer-protected nanoparticles to obtain intelligent nanodevices	PE5
FAIVRE	Damien	Max Planck Gesellschaft zur Foerderung der Wissenschaften e.v.	DE	MB2	Molecular Biomimetics and Magnets Biomineralization: Towards Swimming Nanorobots	PE5
FATTORI	Marco	Consiglio Nazionale delle Ricerche	IT	AISENS	New generation of high sensitive atom interferometers	PE2
FERLAINO	Francesca	Universitaet Innsbruck	AT	ERBIUM	Ultracold Erbium: Exploring Exotic Quantum Gases	PE2
FRANSSON	Jens Henrik Mikael	Kungliga Tekniska Hoegskolan	SE	AFRODITE	Advanced Fluid Research On Drag reduction In Turbulence Experiments	PE8
FRIZ	Peter Karl	Technische Universitaet Berlin	DE	RPT	Rough path theory, differential equations and stochastic analysis	PE1
FROMANG	Sebastien	Commissariat à l'Energie Atomique (CEA)	FR	PETADISK	Petascale numerical simulations of protoplanetary disks: setting the stage for planet formation	PE9
GASTPAR	Michael	Delft University of Technology	NL	ComCom	Communication and Computation - Two Sides of One Tapestry	PE7

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GAUNT	Matthew	The Chancellor, Masters and Scholars of the University of Cambridge	UK	MetCHAct	A New Blueprint for Chemical Synthesis via Metal-Catalyzed C-H Bond Functionalization	PE5
GERBIER	Fabrice	Centre National de la Recherche Scientifique (CNRS)	FR	MANYBO	Many-body physics in gauge fields with ultracold Ytterbium atoms in optical lattices	PE2
GIARDINA	Irene Rosana	Consiglio Nazionale delle Ricerche	IT	SWARM	Empirical analysis and theoretical modelling of self-organized collective behaviour in three-dimensions: from insect swarms and bird flocks to new schemes of distributed coordination.	PE2
GIUSEPPONE	Nicolas	Centre National de la Recherche Scientifique (CNRS)	FR	SelfChem	Information Transfer through Self-organization Processes in Systems Chemistry	PE5
GLORIUS	Frank	Westfaelische Wilhelms-Universitaet Muenster	DE	C-H Activation	New Concepts for Utilizing a Ubiquitous (Non-)Functional Group - C-H Bond Activation for Increased Efficiency in Organic Synthesis	PE5
GOATIN	Paola	Institut National de Recherche en Informatique et en Automatique	FR	TRAM3	Traffic Management by Macroscopic Models	PE1
GOULIELMAKIS	Eleftherios	Max Planck Gesellschaft zur Foerderung der Wissenschaften e.v.	DE	ATTOELECTRONICS	Attoselectronics: Steering electrons in atoms and molecules with synthesized waveforms of light	PE2
GRANA	Mariana	Commissariat à l'Energie Atomique (CEA)	FR	ObservableString	The Low Energy Limit of String Theory and the Observable World	PE2
GRANIER DE CASSAGNAC	Raphael	Centre National de la Recherche Scientifique (CNRS)	FR	QuarkGluonPlasmaCMS	Quark-Gluon Plasma through dilepton studies with the CMS experiment at the Large Hadron Collider	PE2
GRECO	Vincenzo	University of Catania- Department of Physics and Astronomy	IT	QGPDyn	Dynamics of the Quark-Gluon Plasma: A Journey into new phases of the Strong Interaction	PE2
GREGORI	Gianluca	The Chancellor, Masters and Scholars of the University of Oxford	UK	COSMOLAB	Laboratory simulation of cosmological magnetic fields	PE2
GROLLIER	Julie	Centre National de la Recherche Scientifique (CNRS)	FR	NANOBRAIN	On-chip memristive artificial nano-synapses and neural networks	PE3
GUILLEN I FABREGAS	Albert	The Chancellor, Masters and Scholars of the University of Cambridge	UK	FLINT	Finite-Length Information Theory	PE7
HANSMANN-MENZEMER	Stephanie	Ruprecht-Karls-Universitaet Heidelberg.	DE	ASYMMETRY	Measurement of CP violation in the B _s system at LHCb	PE2
HEINE	Thomas	Jacobs University Bremen GmbH	DE	C3ENV	Combinatorial Computational Chemistry □ A new field to tackle environmental problems	PE4
HELLING	Christiane	The University Court of the University of St Andrews	UK	Lightning	Charge separation, lightning and radio emission in low-mass objects	PE9
HELLMICH	Christian	Technische Universitaet Wien	AT	MICROBONE	Multiscale poro-micromechanics of bone materials, with links to biology and medicine	PE8
HESS	Berk	Stockholms Universitet	SE	MegaSim	Million-core Molecular Simulation	PE4
HILLENBRAND	Rainer	Asociacion - Centro de Investigacion Cooperativa en Nanociencias - CIC NANOGUNE	ES	TERATOMO	Near-field Spectroscopic Nanotomography at Infrared and Terahertz Frequencies	PE3
HOLLANDS	Stefan	Cardiff University	UK	QC&C	Quantum fields and Curvature--Novel Constructive Approach via Operator Product Expansion	PE1
HOLTZ	Olga	Technische Universitaet Berlin	DE	SHPEF	Stability and hyperbolicity of polynomials and entire functions	PE1
HU	Xile	Ecole Polytechnique Federale de Lausanne	CH	CAT4ENSUS	Molecular Catalysts Made of Earth-Abundant Elements for Energy and Sustainability	PE5
HUBER	Robert	Ludwig-Maximilians-Universitaet Muenchen	DE	FDML-Raman	Stimulated Raman analysis and Raman microscopy with Fourier Domain Mode Locked (FDML) laser sources	PE2
HUESO ARROYO	Luis	Asociacion - Centro de Investigacion Cooperativa en Nanociencias - CIC NANOGUNE	ES	SPINTROS	Spin Transport in Organic Semiconductors	PE5
HUISMAN	Marieke	Universiteit Twente	NL	VerCors	Verification of Concurrent Data Structures	PE6
HUTT	Axel	Institut National de Recherche en Informatique et en Automatique	FR	MATHANA	Mathematicam modeling of anaesthetic action	PE1
HUVENNE	Veerte Ann Ida	Natural Environment Research Council	UK	CODEMAP	COMplex Deep-sea Environments: Mapping habitat heterogeneity As Proxy for biodiversity	PE10

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ILANI	Shahal	Weizmann Institute of Science	IL	QUANT-DES-CNT	Quantum Design in Carbon Nanotubes	PE3
INDIVERI	Giacomo	Universitaet Zuerich	CH	neuroP	Neuromorphic processors: event-based VLSI models of cortical circuits for brain-inspired computation	PE7
ISHAI	Yuval	Technion - Israel Institute of Technology.	IL	CaC	Cryptography and Complexity	PE6
JACOB	Timo	University of Ulm	DE	THEOFUN	Theoretical studies on the functionalisation of metal surfaces with organic and biological complexes under electrochemical conditions	PE4
JONKHEIJM	Pascal	Universiteit Twente	NL	SUMOMAN	Supramolecular Cell Manipulation	PE5
JOVCIC	Dragan	The University Court of the University of Aberdeen	UK	Modeling DC	Modelling platforms for high-power resonant DC hub and power networks with multiple converter systems	PE7
JUNIPER	Matthew Pudan	The Chancellor, Masters and Scholars of the University of Cambridge	UK	ALORS	Advanced Lagrangian Optimization, Receptivity and Sensitivity analysis applied to industrial situations	PE8
KAISER	Markus	Max Planck Institute of Molecular Physiology	DE	ChemBioPBInt	Chemical biology of natural products in plant-bacteria interactions	PE5
KAUS	Boris	Eidgenössische Technische Hochschule Zürich	CH	MODEL	Mechanics Of Deformation of the Earth's Lithosphere.	PE10
KELLY	Daniel John	The Provost Fellows & Scholars of the College of the Holy and undivided Trinity of Queen Elizabeth near Dublin	IE	StemRepair	Novel mesenchymal stem cell based therapies for articular cartilage repair	PE8
KIAYIAS	Aggelos	National and Kapodistrian University of Athens	EL	CODAMODA	Controlling Data Movement in the Digital Age	PE6
KIMEL	Alexey	Stichting Katholieke Universiteit	NL	Femtomagnetism	Femtosecond Laser Control of Spins in Magnetic Materials: from fundamentals to nanoscale dynamics	PE3
KLAR	Thomas Arno	Technische Universitaet Ilmenau	DE	ActiveNP	Active and low loss nano photonics (ActiveNP)	PE3
KNEIPP	Janina	Humboldt-Universitaet Zu Berlin	DE	MULTIBIOPHOT	Multiphoton processes using plasmonics □ towards advanced nanobiophotonics	PE4
KNIPPERTZ	Peter	University of Leeds	UK	DesertStorms	Desert Storms: Towards an Improved Representation of Meteorological Processes in Models of Mineral Dust Emission	PE10
KONACKI	Maciej	Nicolaus Copernicus Astronomical Centre of the Polish Academy of Sciences	PL	BLAST	Eclipsing binary stars as cutting edge laboratories for astrophysics of stellar structure, stellar evolution and planet formation	PE9
KOOPMANS	Luitje Vincent Ewoud	Rijksuniversiteit Groningen	NL	firstlight	Unveiling first light from the infant Universe	PE9
KOSTIC	Dejan	Ecole Polytechnique Federale de Lausanne	CH	PROPHET	Simplifying Development and Deployment of High-Performance, Reliable Distributed Systems	PE6
KOZIOL	Krzysztof	The Chancellor, Masters and Scholars of the University of Cambridge	UK	HPCNTW	High performance and ultralight carbon nanotube wires for power transmission	PE8
KRAL	Daniel	Univerzita Karlova V Praze	CZ	CCOSA	Classes of combinatorial objects: from structure to algorithms	PE1
KUEHN	Daniela	The University of Birmingham	UK	QRGraph	Quasirandomness in Graphs and Hypergraphs	PE1
LAM	Hon Wai	The University of Edinburgh	UK	ETMCECS	Enantioselective Transition Metal Catalysis for Efficient Chemical Synthesis	PE5
LANGE	Martin	Universitaet Kassel	DE	MCUNLEASH	Model Checking Unleashed	PE6
LEHNERS	Jean-Luc	Max Planck Gesellschaft zur Foerderung der Wissenschaften e.v.	DE	StringCosmOS	String Cosmology and Observational Signatures	PE9
LEMOINE-GOUMARD	Marianne	Centre National de la Recherche Scientifique (CNRS)	FR	P-WIND	New light on the gamma-ray sky: unveiling cosmic-ray accelerators in the Milky Way and their relation to pulsar wind nebulae	PE9
LEVIN	Anat	Weizmann Institute of Science	IL	CompCameraAnalyz	Understanding Designing and Analyzing Computational Cameras	PE6
LEWIN	Mathieu	Centre National de la Recherche Scientifique (CNRS)	FR	MNIQS	Mathematics and Numerics of Infinite Quantum Systems	PE1

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LODAHL	Peter	Technical University of Denmark	DK	ALLQUANTUM	All-solid-state quantum electrodynamics in photonic crystals	PE2
LOPEZ	Nuria	Fundacio Privada Institut Catala d'Investigacio Quimica	ES	Bio2chem-d	Biomass to chemicals: Catalysis design from first principles for a sustainable chemical industry	PE4
LOWEN	Wendy	Universiteit Antwerpen	BE	HHNcdMir	Hochschild cohomology, non-commutative deformations and mirror symmetry	PE1
LUCARINI	Valerio	The University of Reading	UK	NAMASTE	Thermodynamics of the Climate System	PE10
LUGUET	Ambre	Rheinische Friedrich-Wilhelms-Universitaet Bonn	DE	Early Earth	Early Earth Dynamics: Pt-Re-Os isotopic constraints on Hadean-Early Archean mantle evolution	PE10
LUTZ	Jean-François André Victor	Fraunhofer-Gesellschaft zur Foerderung der Angewandten Forschung E.V	DE	SEQUENCES	New Strategies for Controlling Polymer Sequences	PE5
MAGIN	Thierry Edouard Bertrand	Von Karman Institute for Fluid Dynamics	BE	AEROSPACEPHYS	Multiphysics models and simulations for reacting and plasma flows applied to the space exploration program	PE8
MAGNOR	Marcus Andreas	Technische Universitaet Braunschweig	DE	Reality CG	Computer Graphics of the Real World - Realistic Rendering, Modelling, and Editing of Dynamic, Complex Natural Scenes	PE6
MANNEVILLE	Sébastien	Ecole Normale Supérieure de Lyon	FR	USOFT	Ultrasound-based techniques for soft jammed materials	PE3
MARKOVSKY	Ivan	University of Southampton	UK	SLRA	Structured low-rank approximation: Theory, algorithms, and applications	PE7
MARTIN DEL VALLE	Eva	Universidad de Salamanca	ES	MYCAP	Development of a technology to produce microcapsules, based on the formation of drops from viscous non-Newtonian liquids sprayed through fan-jet nozzles, to use in cancer therapy	PE8
MAULTZSCH	Janina	Technische Universitaet Berlin	DE	CCCAN	Characterizing and Controlling Carbon Nanomaterials	PE4
MCNAMARA	Laoise Maria	National University of Ireland, Galway	IE	BONEMECHBIO	Frontier research in bone mechanobiology during normal physiology, disease and for tissue regeneration	PE8
METCALF	Robert Benton	Alma Mater Studiorum-Universita di Bologna	IT	GLENCO	Gravitational Lensing as a Cosmological Probe	PE9
MIKKELSEN	Anders	Lunds Universitet	SE	ElectronOpera	Electron dynamics to the Attosecond time scale and Angstrom length scale on low dimensional structures in Operation	PE3
MINTERT	Florian	Albert-Ludwigs Universitaet Freiburg	DE	odycquent	Optimal dynamical control of quantum entanglement	PE2
MOELLER	Martin	Johann Wolfgang Goethe Universitaet Frankfurt am Main	DE	Flat surfaces	SL(2,R)-action on flat surfaces and geometry of extremal subvarieties of moduli spaces	PE1
NAVIGLI	Roberto	Universita degli Studi di Roma la Sapienza	IT	MultiJEDI	Multilingual Joint Word Sense Disambiguation	PE6
NITSCHKE	Jonathan	The Chancellor, Masters and Scholars of the University of Cambridge	UK	DirEvolFun	Directed Evolution of Function within Chemical Systems: Adaptive Capsules and Polymers	PE5
NORBERG	Peder	The University of Edinburgh	UK	DEGAS	Deciphering the Evolution of Galaxies and the Assembly of Structure: Probing the Growth of Non-Linear Structure in the Dark Universe with Statistical Analyses of Galaxy Surveys	PE9
OANCEA	Alexandru	Universite de Strasbourg	FR	STEIN	Topology of STEIN manifolds	PE1
OBERTELLI	Alexandre	Commissariat à l'Energie Atomique (CEA)	FR	MINOS	Nuclear magic numbers off stability	PE2
ORON	Dan	Weizmann Institute of Science	IL	SINSLIM	Smart Inorganic Nanocrystals for Sub-diffraction Limited IMaging	PE4
OSPELKAUS	Silke	Max Planck Gesellschaft zur Foerderung der Wissenschaften e.v.	DE	Polar	Polar Molecules: From Ultracold Chemistry to Novel Quantum Phases	PE2
OWENS	Roisin Meabh	Association pour la Recherche et le Développement des Méthodes et Processus Industriels - ARMINES	FR	IONOSENSE	Exploitation of Organic Electrochemical Transistors for Biological Ionsensing	PE7
PARAGIOS	Nikos	Centrale Recherche SA	FR	DIOCLES	Discrete bioImaging perCeption for Longitudinal Organ modElling and computEr-aided diagnosiS	PE6
PARCET	Javier	Agencia Estatal Consejo Superior de Investigaciones Cientificas	ES	CZOSQP	Noncommutative Calderón-Zygmund theory, operator space geometry and quantum probability	PE1

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PATERSON	Martin James	Heriot-Watt University	UK	XChem	Photoinduced Chemistry: Development and Application of Computational Methods for New Understanding	PE4
PAULY	Mark	Ecole Polytechnique Federale de Lausanne	CH	COSYM	Computational Symmetry for Geometric Data Analysis and Design	PE6
PERICHON EP LACOUR	Stephanie	The Chancellor, Masters and Scholars of the University of Cambridge	UK	ESKIN	Stretchable Electronic Skins	PE7
PICART	Catherine Cecile	Institut Polytechnique de Grenoble	FR	BIOMIM	Biomimetic films and membranes as advanced materials for studies on cellular processes	PE5
PIERRE	Frédéric	Centre National de la Recherche Scientifique (CNRS)	FR	NANOSPEC	Novel Out-of-Equilibrium Spectroscopy Techniques to Explore and Control Quantum Phenomena in Nanocircuits	PE3
PIETRZAK	Krzysztof	Centrum Wiskunde en Informatica	NL	PSPC	Provable Security for Physical Cryptography	PE6
PORTER	Alexandra	Imperial College of Science, Technology and Medicine	UK	CNTBBB	Targeting potential of carbon nanotubes at the blood brain barrier	PE5
PRATELLI	Aldo	Universita degli Studi di Pavia	IT	AnOptSetCon	Analysis of optimal sets and optimal constants: old questions and new results	PE1
QUIDANT	Romain	Institut de Ciencies Fotoniques, Fundacio Privada	ES	PLASMOLIGHT	New Frontiers in Plasmon Optics: From nanochemistry to quantum optics	PE2
RADENOVIC	Aleksandra	Ecole Polytechnique Federale de Lausanne	CH	PorABEL	Nanopore integrated nanoelectrodes for biomolecular manipulation and sensing	PE3
RAUHUT	Holger	Rheinische Friedrich-Wilhelms-Universität Bonn	DE	SPALORA	Sparse and Low Rank Recovery	PE1
REALI	Alessandro	Universita degli Studi di Pavia	IT	ISOBIO	Isogeometric Methods for Biomechanics	PE8
RENNER	Renato	Eidgenössische Technische Hochschule Zürich	CH	GEQIT	Generalized (quantum) information theory	PE6
RICHARD	Maxime	Centre National de la Recherche Scientifique (CNRS)	FR	HANDY-Q	Quantum Degeneracy at Hand	PE3
RIVADULLA	Francisco	Universidade de Santiago de Compostela	ES	2DOTHERMS	Design of new thermoelectric devices based on layered and field modulated nanostructures of strongly correlated electron systems	PE3
ROCCA	Elisabetta	Universita degli Studi di Milano	IT	EntroPhase	Entropy formulation of evolutionary phase transitions	PE1
RODRIGUEZ Y BAENA	Ferdinando	Imperial College of Science, Technology and Medicine	UK	STING	STING - A Soft Tissue Intervention and Neurosurgical Probe	PE7
ROELKENS	Gunther	Universiteit Gent	BE	MIRACLE	Mid-InfraRed Active photonic integrated Circuits for Life sciences and Environment	PE7
ROITHOVA	Jana	Univerzita Karlova V Praze	CZ	ISORI	Ion Spectroscopy of Reaction Intermediates	PE4
RONNOW	Henrik	Ecole Polytechnique Federale de Lausanne	CH	CONQUEST	Controlled quantum effects and spin technology - from non-equilibrium physics to functional magnetics	PE3
ROSEN	Johanna	Linköping University	SE	MULTIMATE	A Research Platform Addressing Outstanding Research Challenges for Nanoscale Design and Engineering of Multifunctional Material	PE8
RÖST	Gergely	University of Szeged	HU	EPIDELAY	Delay differential models and transmission dynamics of infectious diseases	PE1
SAMORI	Paolo	Universite de Strasbourg	FR	SUPRAFUNCTION	Supramolecular materials for organic electronics: unravelling the architecture vs. function relationship	PE5
SANCHEZ-PALENCIA	Laurent	Centre National de la Recherche Scientifique (CNRS)	FR	ALoGlaDis	From Anderson localization to Bose, Fermi and spin glasses in disordered ultracold gases	PE2
SANKOWSKI	Piotr	University of Warsaw	PL	PAAI	Practical Approximation Algorithms	PE6
SANLOUP	Chrystèle	The University of Edinburgh	UK	MAD-ESEC	Magmas at Depth: an Experimental Study at Extreme Conditions.	PE10
SCHNEIDER	Matthias	Karlsruher Institut für Technologie	DE	MUSICA	Multi-platform remote sensing of isotopologues for investigating the cycle of atmospheric water	PE10

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SCHUMM	Thorsten	Technische Universitaet Wien	AT	NAC	Nuclear Atomic Clock	PE2
SIEBER	Stephan Axel	Technische Universitaet Muenchen	DE	Antibacterials	Natural products and their cellular targets: A multidisciplinary strategy for antibacterial drug discovery	PE5
SIGEL	Roland K. O.	Universitaet Zuerich	CH	MIRNA	Metal Ions and Metal Ion Complexes Guiding Folding and Function of Single RNA Molecules	PE5
SILLY	Fabien Nicolas	Commissariat à l'Energie Atomique (CEA)	FR	MAGNETALS	Tunable array of magnetic nano-crystals designed at the atomic scale: engineering high performance magnetic materials using hybrid organic-inorganic nano-architectures	PE8
SIMON	Ferenc	Budapesti Muszaki es Gazdasagtudomanyi Egyetem	HU	Sylo	Spin dynamics and transport at the quantum edge in low dimensional nanomaterials	PE3
SLUIJS	Appy	Universiteit Utrecht	NL	DINOPRO	From Protist to Proxy: Dinoflagellates as signal carriers for climate and carbon cycling during past and present extreme climate transitions	PE10
SMITH	Martin Derwyn	The Chancellor, Masters and Scholars of the University of Oxford	UK	NatCat	Emulating Nature through Asymmetric Catalysis	PE5
SOLOMON	Gemma	Københavns Universitet	DK	CHEMHEAT	Chemical Control of Heating and Cooling in Molecular Junctions: Optimizing Function and Stability	PE4
SONKE	Jeroen	Centre National de la Recherche Scientifique (CNRS)	FR	MERCURY ISOTOPES	Exploring the isotopic dimension of the global mercury cycle	PE10
SÖNNICHSEN	Carsten	Johannes Gutenberg Universitaet Mainz	DE	SingleSens	Single metal nanoparticles as molecular sensors	PE4
STEINBACH	Eckehard	Technische Universität München	DE	ProHaptics	Haptic Signal Processing and Communications	PE7
STERPONE	Fabio	Ecole Normale Supérieure	FR	THERMOS	The protein thermostability: same activity, different working temperature. A water problem? A rigidity/flexibility trade-off?	PE4
TALBOT	Helen Marie	University of Newcastle Upon Tyne	UK	AMOProx	Quantifying Aerobic Methane Oxidation in the Ocean: Calibration and palaeo application of a novel proxy	PE10
THEIS	Fabian	Helmholtz Zentrum Muenchen Deutsches Forschungszentrum fuer Gesundheit und Umwelt GmbH	DE	LatentCauses	Modelling latent causes in molecular networks	PE7
THIELE	Christina Marie	Technische Universitaet Darmstadt	DE	RDC@catalysis	Structure and dynamics of catalytically active species from Residual Dipolar Couplings	PE4
TOBIE	Gabriel	Centre National de la Recherche Scientifique (CNRS)	FR	EXOWATER	Chemical EXchanges On WATER-rich worlds: Experimentation and numerical modelling	PE9
TOTH	Geza	Universidad del Pais Vasco	ES	GEDENTQOPT	Generation and detection of many-particle entanglement in quantum optical systems	PE2
TRAPP	Oliver	Ruprecht-Karls-Universitaet Heidelberg.	DE	AMPCAT	Self-Amplifying Stereodynamic Catalysts in Enantioselective Catalysis	PE5
TSORI	Yoav	Ben-Gurion University of the Negev	IL	FIELDGRADIENTS	Phase Transitions and Chemical Reactions in Electric Field Gradients	PE3
TZVETKOV	Nikolay	University of Cergy Pontoise	FR	Dispeq	Qualitative study of nonlinear dispersive equations	PE1
ULIJN	Rein V	University of Strathclyde	UK	EMERgE	Enzyme Driven Molecular Nanosystems	PE5
VAN LEEUWAARDEN	Johan S.H.	Technische Universiteit Eindhoven	NL	CritiQueue	Critical queues and reflected stochastic processes	PE1
VAN THOURHOUT	Dries	Ghent University	BE	ULPPIC	Ultralow power photonic integrated circuits for short range interconnect networks	PE7
VANKÓ	György Albert	MTA KFKI Reszecske-Es Magfizikai Kutatóintézet	HU	X-cited!	Electronic transitions and bistability: states, switches, transitions and dynamics studied with high-resolution X-ray spectroscopy	PE3
VEHKAMÁKI	Hanna	Helsingin Yliopisto	FI	MOCAPAF	Role of Molecular Clusters in Atmospheric Particle Formation	PE4
VIEL	Matteo	Istituto Nazionale di Astrofisica	IT	cosmoIGM	The Intergalactic Medium as a Cosmological Tool	PE9
VINCENT	Kylie Alison	The Chancellor, Masters and Scholars of the University of Oxford	UK	EnergyBioCatalysis	Understanding and Exploiting Biological Catalysts for Energy Cycling: Development of Infrared Spectroelectrochemistry for Studying Intermediates in Metalloenzyme Catalysis	PE4

Last Name	First Name	Host Institution (HI)	HI Country	Acronym	Project Title	Panel
VLACHOS	Michail	IBM Research GmbH	CH	MiniNexact	Exact Mining from In-Exact Data	PE6
WAINAL	Xavier	Commissariat à l'Energie Atomique (CEA)	FR	MesoQMC	Quantum Monte-Carlo in mesoscopic devices	PE3
WEBER	Wilfried	Albert-Ludwigs-Universitaet Freiburg	DE	CompBioMat	Computing Biomaterials	PE5
WEIHS	Gregor	Universitaet Innsbruck	AT	EnSeNa	Entanglement from Semiconductor Nanostructures	PE2
WELSCHINGER	Jean-Yves	Centre National de la Recherche Scientifique (CNRS)	FR	RealUman	Real uniruled manifolds	PE1
YERUSHALMI	Roie	The Hebrew University of Jerusalem	IL	OptimLightHarvest	Large Scale Architectures with Nanometric Structured Interfaces for Charge Separation, Transport and Interception	PE5

ERC 2010 Panels Structure and Legends

Physical Sciences & Engineering (PE)	Life Sciences (LS)	Social Sciences & Humanities (SH)
• PE1 Mathematical foundations	• LS1 Molecular & Structural Biology & Biochemistry	• SH1 Individuals, institutions & markets
• PE2 Fundamental constituents of matter	• LS2 Genetics, Genomics, Bioinformatics & Systems Biology	• SH2 Institutions, values, beliefs and behaviour
• PE3 Condensed matter physics	• LS3 Cellular and Developmental Biology	• SH3 Environment & society
• PE4 Physical & Analytical Chemical sciences	• LS4 Physiology, Pathophysiology & Endocrinology	• SH4 The Human Mind and its complexity
• PE5 Materials & Synthesis	• LS5 Neurosciences & neural disorders	• SH5 Cultures & cultural production
• PE6 Computer science & informatics	• LS6 Immunity & infection	• SH6 The study of the human past
• PE7 Systems & communication engineering	• LS7 Diagnostic tools, therapies & public health	
• PE8 Products & process engineering	• LS8 Evolutionary, population & environmental biology	
• PE9 Universe sciences	• LS9 Applied life sciences & 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	LI Liechtenstein
EE Estonia	ME Republic of Montenegro
EL Greece	MK FYR of Macedonia
ES Spain	NO Norway
FI Finland	RS Serbia
FR France	TR Turkey
HU Hungary	
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	