

Last name	First name	Host institution (HI)	HI Country	Acronym	Title	Panel
NORDBORG	Magnus	Gregor Mendel Institut für Molekulare Pflanzenbiologie GmbH	AT	MAXMAP	Developing maximum-resolution genotype-phenotype maps using whole-genome polymorphism data	LS2
JONAS	Peter	Institute of Science and Technology Austria	AT	NANOPHYS	Nanophysiology of fast-spiking, parvalbumin-expressing GABAergic interneurons	LS5
HERNDL	Gerhard	Universität Wien	AT	MEDEA	Microbial Ecology of the DEep Atlantic pelagic realm	LS8
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
POHL	Walter	Universität Wien	AT	SCIRE	Social Cohesion, Identity and Religion in Europe, 400-1200	SH6
CARMELIET	Peter	VIB	BE	ECMetabolism	Targeting endothelial metabolism: a novel anti-angiogenic therapy	LS2
DE STROOPER	Bart Geert Alfons Paul	VIB	BE	MIRNA_AD	Role of microRNA dysregulation in Alzheimers Disease	LS5
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
MANIQUET	François	Université Catholique de Louvain	BE	PoRESP	Poverty, Resource Equality, and Social Policies	SH1
ZNEPOLSKI	Ivaylo	Sofia University "St. Kliment Ohridski"	BG	RESOCEA	Regime and Society in Eastern Europe (1956 - 1989). From Extended Reproduction to Social and Political Change	SH6
PLÜCKTHUN	Andreas	Universität Zürich	CH	NEXTBINDERS	General light triggered switches and sensors for studying proteins inside the cell	LS1
PETER	Matthias	Eidgenössische Technische Hochschule Zürich	CH	Rubinet	Regulation of cell growth and division by selective degradation mechanisms	LS3
THORENS	Bernard	Université de Lausanne	CH	INSIGHT	An Integrated Network of Glucose Sensing Cells in Glucose Homeostasis	LS4
TRONO	Didier	Ecole Polytechnique Fédérale de Lausanne	CH	KRABnKAP	KRAB/KAP1-mediated gene regulation in mammalian physiology and human diseases	LS4
DETMAR	Michael	Eidgenössische Technische Hochschule Zürich	CH	LYVICAM	Lymphatic Vessels in Inflammation and Cancer Metastasis	LS4
GERSTNER	Wulfram	Ecole Polytechnique Fédérale de Lausanne	CH	MultiRules	Synaptic multi-factor learning rules: from action potentials to behaviour	LS5
HAHNLOSER	Richard	Universität Zürich	CH	VOTECOM	Vocal template computations in the songbird brain	LS5
EBERT	Dieter	Universität Basel	CH	MicrobiotaEvolution	A phylogenetic and experimental approach to understand the evolution of microbiota	LS8
BONHOEFFER	Sebastian	Eidgenössische Technische Hochschule Zürich	CH	PBDR	The population biology of drug resistance: Key principles for a more sustainable use of drugs	LS8
SCHMID-HEMPEL	Paul	Eidgenössische Technische Hochschule Zürich	CH	RESIST	Resistance systems and population structure of parasites	LS8
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
BACCHETTA	Philippe	Université de Lausanne	CH	LIQRISK	Liquidity and Risk in Macroeconomic Models	SH1
JUNGWIRTH	Tomas	Fyzikální ústav AV • R v. v. i.	CZ	0MSPIN	Spintronics based on relativistic phenomena in systems with zero magnetic moment	PE3
WITTINGHOFFER	Alfred	Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.	DE	ARCID	The Role of Arl Proteins in Retinal and other Ciliary Diseases	LS1
LARSSON	Nils-Göran	Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.	DE	GENEMIT	Regulation of gene expression in mammalian mitochondria	LS1
CRAMER	Patrick	Ludwig-Maximilians-Universität München	DE	TRANSIT	Mechanism of Regulated Transcription Initiation	LS1
**	**	EMBL - European Molecular Biology Laboratory	DE	Cancerbiome	Cancerbiome: Characterization of the cancer-associated microbiome	LS2
KLEBE	Gerhard	Philipps-Universität Marburg	DE	DrugProfilBind	Chemogenomic profiling of drug-protein binding by shape, enthalpy/entropy and interaction kinetics	LS2
WALDMANN	Herbert	Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.	DE	SysChemBiol	Systems Chemical Biology - Chemical Biological Perturbation and Dissection of Dynamic Biological Systems	LS2
RAZ	Erez	Westfälische Wilhelms-Universität Münster	DE	CellMig	Molecular and Cellular Mechanisms Promoting Single-Cell Migration in vivo	LS3
EDGAR	Bruce Alexander	Ruprecht-Karls-Universität Heidelberg	DE	DynaStem	Dynamic, stem cell-mediated self-renewal in the Drosophila intestine	LS3
PANTEL	Klaus	Universitätsklinikum Hamburg-Eppendorf	DE	DISSECT	Disseminating tumor cells as novel biomarkers: Dissecting the metastatic cascade in cancer patients	LS4
PARTRIDGE	Linda	Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.	DE	ERA	Experimental Research into Ageing	LS4
NAVE	Klaus-Armin	Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.	DE	AxoGLIA	The role of myelinating glia in preserving axon function	LS5
TRAUNER	Dirk	Ludwig-Maximilians-Universität München	DE	CARV	Chemical Approaches to Restoring Vision	LS5
KLEIN	Christoph	Medizinische Hochschule Hannover	DE	EXPLORE	Exploring novel pathways governing immunity and leukemia by studying the genetic basis of human myeloid cell defects - from genetics to gene therapy	LS6
RADBRUCH	Andreas	Deutsches Rheuma-Forschungszentrum Berlin	DE	IMMEMO	Protective and pathogenic immunological memory and its organisation by stroma cells	LS6
RAJEWSKY	Klaus	Max-Delbrück-Centrum für Molekulare Medizin	DE	LYMPHOMA	Modeling lymphoma pathogenesis in mice - from basic mechanisms to pre-clinical models	LS6
MÜLLER	Werner E.G.	Universitätsmedizin der Johannes Gutenberg-Universität Mainz	DE	BIOSILICA	From gene to biomaterial: Biosynthesis and application of sponge biosilica	LS9
PUCHTA	Holger	Karlsruher Institut fuer Technologie	DE	COMREC	Designed Plant Breeding by Control of Meiotic Recombination	LS9
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
BLOSSFELD	Hans-Peter	Otto-Friedrich-Universität Bamberg	DE	eduLIFE	Education as a Lifelong Process – Comparing Educational Trajectories in Modern Societies	SH2
VERTOVEC	Steven Allen	Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.	DE	GLOBALDIVERCITIES	Migration and New Diversities in Global Cities: Comparatively Conceiving, Observing and Visualizing Diversification in Urban Public Spaces	SH2
ENGEL	Andreas Karl	Universitätsklinikum Hamburg-Eppendorf	DE	MULTISENSE	The merging of the senses: understanding multisensory experience	SH4
FRIEDERICI	Angela Dorkas	Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.	DE	NEUROSYNTEX	Neural basis of syntax in the developing brain	SH4
BUECHEL	Christian	Universitätsklinikum Hamburg-Eppendorf	DE	PLACEBO	The placebo effect – a window into the relationship between mind and body	SH4
TACKE	Andreas	Universität Trier	DE	artifex	Redefining Boundaries: Artistic training by the guilds in Central Europe up to the dissolution of the Holy Roman Empire	SH5
STOUGAARD	Jens	Aarhus Universitet	DK	CASINO	Carbohydrate signals controlling nodulation	LS3
WENGEL	Jesper	Syddansk Universitet	DK	EVOLNA	Evolution of LNA Aptamers	LS9

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
MALHOTRA	Vivek	Fundació Privada Centre de Regulació Genòmica	ES	MUPS	Mechanism of Unconventional Protein Secretion	LS3
ESTELLER BADOSA	Manel	Fundació Privada Institut D'Investigació Biomedica de Bellvitge	ES	EPINORC	Epigenetic Disruption of Non-Coding RNAs in Human Cancer	LS4
SUNYER	Jordi	Fundacio Centre de Recerca en Epidemiologia Ambiental - CREAL	ES	BREATHE	BRain dEvelopment and Air polluTion ultrafine particles in schhool childrEn	LS7
BASCOMPTE	Jordi	Agencia Estatal Consejo Superior de Investigaciones Científicas	ES	WebOfLife	Robustness of The Web of Life in the Face of Global Change	LS8
RUBIO	Angel	Universidad del País 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 cor	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
ESPING-ANDERSEN	Gosta	Universitat Pompeu Fabra	ES	Family polarization	Stratified family dynamics: polarizing trends in couple behaviour and parenting	SH2
RODRÍGUEZ-POSE	Andrés	Fundación IMDEA Ciencias Sociales	ES	SPIKES	Spatial spikes: bridging geography and economics to study distance, agglomeration, and policy	SH3
CABRÉ	Anna	Universitat Autònoma de Barcelona	ES	5CofM	Five Centuries of Marriages	SH6
WARTIOVAARA	Anu	Helsingin yliopisto	FI	MetaboMIT	Metabolic consequences of mitochondrial dysfunction	LS4
AALTONEN	Lauri	Helsingin yliopisto	FI	NGG	Next Generation Genetics of Cancer Predisposition	LS7
ALITALO	Kari	Helsingin yliopisto	FI	TX-FACTORS	New biological functions and therapeutic potential of vascular endothelial growth factors	LS7
PÄIVÄRINTA	Lassi Juhani	Helsingin yliopisto	FI	InvProb	Inverse Problems	PE1
ABEL	Laurent	Institut national de la santé et de la recherche médicale (INSERM)	FR	GENTB	Human Genetics of Tuberculosis	LS2
ANTONNY	Bruno	CNRS - Centre National de la Recherche Scientifique	FR	ArfMembraneSensors	Membrane sensors in the Arf orbit	LS3
LEOPOLD	Pierre	Institut national de la santé et de la recherche médicale (INSERM)	FR	GroLeo	The Genetics and Physiology of Growth and Size Determination	LS3
DE THÉ	Huques	Institut national de la santé et de la recherche médicale (INSERM)	FR	STEMAPL	APL a model for oncogene-targeted leukemia cure	LS4
VIVIER	Eric	Université de la Méditerranée - Aix Marseille II	FR	THINK	The Immune function of NK cells	LS6

CAVAZZANA-CALVO	Marina	Institut national de la santé et de la recherche médicale (INSERM)	FR	RegenerativeTherapy	Cell and gene therapy approaches for inherited diseases with unsatisfying or no therapeutic option	LS7
MOONEN	Chrit	CNRS - Centre National de la Recherche Scientifique	FR	Sound Pharma	Image Guided Local Drug Delivery from Nanocarriers using Focused Ultrasound	LS7
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 from Entangled Pairs to Strongly Correlated Systems	PE2
BARTHÉLÉMY	Agnès	Université Paris Sud XI	FR	FEMMES	FerroElectric Multifunctional tunnel junctions for MEMristors and Spintronics	PE3
CROQUETTE	Vincent	CNRS - Centre National de la Recherche Scientifique	FR	MagRepS	High-resolution tweezers for DNA replication and sequence identification	PE3
BOCQUET	Lydéric	Université Claude Bernard Lyon 1	FR	MICROME GAS	Nanofluidics inside a single carbon nanotube	PE3
CILIBERTO	Sergio	CNRS - Centre National de la Recherche Scientifique	FR	OutEFLUCOP	Out of Equilibrium Fluctuations in Confined Phase Transitions	PE3
PILENI	Marie-Paule	Université Pierre et Marie Curie - Paris 6	FR	SUPRANANO	From metal nanocrystal to supracrystal: crystallinity at nanometer and micrometer scales	PE4
SEZNEC	Andre	INRIA - Institut national de recherche en informatique et en automatique	FR	DAL	DAL: Defying Amdahl's Law	PE6
PONCE	Jean	INRIA - Institut national de recherche en informatique et en automatique	FR	VideoWorld	Modeling, interpreting and manipulating digital video	PE6
SILK	Joseph Ivor	Université Pierre et Marie Curie - Paris 6	FR	DARK	Dark Matters	PE9
LE FEVRE	Olivier	Université de Provence	FR	EARLY	Early phases of galaxy evolution	PE9
BOULANGER	François	CNRS - Centre National de la Recherche Scientifique	FR	MISTIC	Mastering the dusty and magnetized Interstellar Screen to Test Inflation Cosmology	PE9
COMBES	Françoise	Observatoire de Paris	FR	MOMENTUM	Angular momentum transfer in galaxy formation and evolution	PE9
GILBOA	Itzhak	Chambre de commerce et d'industrie de Paris	FR	UNIIND	A Unified Model of Induction	SH1
ROBIN	Jean-Marc	Fondation Nationale des Sciences Politiques	FR	WASP	Wage Dynamics, Sorting Patterns in Labour Markets and Policy Evaluation	SH1
LATOURE	Bruno	Fondation Nationale des Sciences Politiques	FR	AIME	An Inquiry into Modes of Existence	SH2
PUMAIN	Denise	CNRS - Centre National de la Recherche Scientifique	FR	GeodiverCity	Analysing and Modelling the Geographical Diversity of Cities and Systems of Cities	SH3
PROUST	Joëlle	École normale supérieure	FR	dividnorm	Divided Metacognition: when epistemic norms conflict	SH4
ASHER	Nicholas	Université Toulouse III - Paul Sabatier	FR	STAC	Strategic Conversation	SH4
AOUAD	Maroun	CNRS - Centre National de la Recherche Scientifique	FR	PhiC	Philosophy in Context : Arabic and Syriac manuscripts transmission in the Mediterranean World	SH5
CHEMLA	Karine	CNRS - Centre National de la Recherche Scientifique	FR	SAW	Mathematical Sciences in the Ancient World	SH6

TAMÁS	Gábor	Office for Research Groups Attached to Universities and Other Institutions of the Hungarian Academy of Sciences	HU	INTERIMPACT	Impact of identified interneurons on cellular network mechanisms in the human and rodent neocortex	LS5
KONDOROSI	Eva	Bay Zoltán Alkalmazott Kutatási Közalapítvány	HU	SYM-BIOTICS	Dual exploitation of natural plant strategies in agriculture and public health: enhancing nitrogen-fixation and surmounting microbial infections	LS9
BARANY	Imre	MTA Rényi Alfréd Matematikai Kutatóintézet	HU	DISCONV	Discrete and convex geometry: challenges, methods, applications	PE1
TOTIK	Vilmos	University of Szeged	HU	PotentialTheory	Potential theoretic methods in approximation and orthogonal polynomials	PE1
WOLFE	Kenneth	The Provost, Fellows and Scholars of the College of the Holy and Undivided Trinity of Queen Elizabeth near Dublin	IE	CHROMARRANGE	Programmed and unprogrammed genomic rearrangements during the evolution of yeast species	LS2
O'NEILL	Luke	The Provost, Fellows and Scholars of the College of the Holy and Undivided Trinity of Queen Elizabeth near Dublin	IE	MicroInnate	An exploration into the role of microRNAs in innate immune signaling	LS6
HECKMAN	James	University College Dublin	IE	DEVHEALTH	Understanding health across the lifecycle: an integrated developmental approach	SH1
CEDAR	Howard	The Hebrew University of Jerusalem	IL	METSTEM	DNA methylation in stem cells	LS1
PODBILEWICZ	Benjamin	Technion - Israel Institute of Technology	IL	ELEGANSFUSION	Mechanisms of cell fusion in eukaryotes	LS3
YARDEN	Yosef	The Weizmann Institute of Science	IL	oncROBUST	Unravelling oncogenic defects in feedback control of receptor tyrosine kinases	LS3
LEVY	Avraham	The Weizmann Institute of Science	IL	TRACTAR	Tracking and Targeting a T-DNA Vector for Precise Engineering of Plant Genomes	LS9
LINDENSTRAUSS	Elon	The Hebrew University of Jerusalem	IL	GmodGammaDynamics	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	FRACTFRICT	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
RUBINSTEIN	Ariel	Tel Aviv University	IL	Modeling Typologies	Modeling new typologies of economic agents	SH1
ULLMAN	Shimon	The Weizmann Institute of Science	IL	DigitalBaby	The emergence of understanding from the combination of innate mechanisms and visual experience	SH4
AMATI	Bruno	Istituto Europeo Di Oncologia (S.R.L.)	IT	MYCNEXT	Connecting the activities of c-Myc in genome regulation, cellular growth control and oncogenesis	LS4
SCITA	Giorgio	IFOM Fondazione Istituto FIR di Oncologia Molecolare	IT	The MetaEndoMatrix	The endocytic and cytoskeletal matrix in the plasticity of tumor cell invasion and migration	LS4
DEJANA	Elisabetta	IFOM Fondazione Istituto FIR di Oncologia Molecolare	IT	Wnt for brain	Transcriptional regulation of endothelial blood brain barrier differentiation by Wnt signaling	LS4
NATOLI	Gioacchino	Istituto Europeo Di Oncologia (S.R.L.)	IT	NORM	The genomic blueprint of macrophages: dissecting players and mechanisms through an integrative approach	LS6
MAVILIO	Fulvio	Università degli Studi di Modena e Reggio Emilia	IT	GT-SKIN	Gene Therapy for Inherited Skin Adhesion Disorders	LS7
ABRIGNANI	Sergio	INGM Istituto Nazionale Genetica Molecolare	IT	i-MIRNOME	Lymphocyte microRNAs in health and disease: Understanding lymphocyte functions through the identification of microRNA target genes and exploiting serum	LS7
SCOLES	Giacinto	Università degli Studi di Udine	IT	QUIDPROQUO	Molecular Nanotechnology for Life Science Applications: QUantitative Interactomics for Diagnostics, PROteomics and QUantitative Oncology	LS7

REMUZZI	Giuseppe	Istituto Di Ricerche Farmacologiche Mario Negri	IT	RESET	Dreaming of no more renal dialysis: how self-derived tissue and cells can replace renal function	LS7
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 systems	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
MICKLITZ-ROESSLER	Hans-Wolfgang	European University Institute	IT	ERPL	European Regulatory Private Law	SH2
DELLA PORTA	Donatella	European University Institute	IT	Mobilizing4democracy	Mobilizing for democracy: Democratization processes and the mobilization of civil society	SH2
ROY	Olivier	European University Institute	IT	RELIGIOWEST	The (re)construction and formatting of religions in the West through courts, social practices, public discourse and transnational institutions.	SH2
MEHLER	Jacques	Scuola Internazionale Superiore di Studi Avanzati	IT	PASCAL	Processing Activates Specific Constraints for Language Acquisition	SH4
AVANZINI	Alessandra	Università di Pisa	IT	DASI	Digital Archive for the Study of pre-Islamic Arabian Inscriptions	SH5
SCHUMACHER	Ton	Stichting Het Nederlands Kanker Instituut	NL	Life-his-T	Mapping the life histories of T cells	LS6
SCHEFFER	Marten	Universiteit van Wageningen	NL	EarlyWarning	Generic Early Warning Signals for Critical Transitions	LS8
PIETERSE	Corné M.J.	Universiteit Utrecht	NL	PlantImmuSys	The Plant Immune System: a multidisciplinary approach to uncover how plants simultaneously deal with beneficial and parasitic organisms to maximize profits	LS9
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 Biomaterials: 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
HESSEL	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
WITHAGEN	Cornelius	Vereniging Voor Christelijk Hoger Onderwijs, Wetenschappelijk Onderzoek En Patiëntenzorg	NL	GP	Combating climate change: political economy of green paradoxes	SH3
GOEBEL	Rainer	Universiteit Maastricht	NL	ColumnarCodeCracking	Cracking the columnar-level code in the visual hierarchy: Ultra high-field functional MRI, neuro-cognitive modelling and high-resolution brain-computer interfaces	SH4
LEVINSON	Stephen Curtis	Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.	NL/DE*	INTERACT	The Interaction Engine: Interactive foundations for communication	SH4
MOSEER	May-Britt	Norges teknisk-naturvitenskapelige universitet NTNU	NO	ENSEMBLE	Neural mechanisms for memory retrieval	LS5
SOLLID	Ludvig M	Universitetet i Oslo	NO	AUTO-CD	Coeliac disease: understanding how a foreign protein drives autoantibody formation	LS6
SÆTHER	Bernt-Erik	Norges teknisk-naturvitenskapelige universitet NTNU	NO	STOCHPOP	Stochastic Population Biology in a Fluctuating Environment	LS8
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
FOLLESDAL	Andreas	Universitetet i Oslo	NO	MultiRights	The Legitimacy of Multi-level Human Rights Judiciary	SH2
SILVA	Luis	Instituto Superior Técnico	PT	ACCELERATES	Acceleration in Extreme Shocks: from the microphysics to laboratory and astrophysics scenarios	PE2
SANTOS	Boaventura de Sousa	Centro de Estudos Sociais	PT	ALICE	Strange Mirrors, Unsuspected Lessons: Leading Europe to a new way of sharing the world experiences	SH2
NYSTRÖM	Thomas	Göteborgs universitet	SE	QualiAGE	Spatial protein quality control and its links to aging, proteotoxicity, and polarity	LS3
GROOP	Leif Christer	Lunds universitet	SE	GENE TARGET T2D	General and targeted approaches to unravel the molecular causes of type 2 diabetes	LS4
FRISÉN	Jonas	Karolinska Institutet	SE	Neural renewal	Neurogenesis in the adult human brain	LS5
KIEHN	Ole	Karolinska Institutet	SE	NeuronsInMotion	Linking glutamatergic spinal cord and brainstem neuronal circuits to the control of locomotor behavior	LS5
BRUNDIN	Patrik	Lunds universitet	SE	PRISTINE-PD	Prion-like transmission of α -synuclein in Parkinson's disease	LS5
HELLEDAY	Thomas	Stockholms universitet	SE	GENECADD	GENetic NETWORKS as a tool for anti-CANCER Drug Development	LS7
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	Kunskliga Tekniska Högskolan	SE	xMEMs	Towards Cost-Efficient Flexible Heterogeneous Integration for Micro- and Nanosystem Fabrication	PE8
KRISTIANSEN	Kristian	Göteborgs universitet	SE	THE RISE	Travels, transmissions and transformations in the 3rd and 2nd millennium BC in northern Europe: the rise of	SH6
KOUZARIDES	Tony	The Chancellor, Masters and Scholars of the University of Cambridge	UK	CRIPTON	Role of ncRNAs in Chromatin and Transcription	LS1
JACKSON	Stephen Philip	The Chancellor, Masters and Scholars of the University of Cambridge	UK	DDRREAM	DNA-Damage responses: Regulation and mechanisms	LS1
ROBINSON	Carol Vivien	The Chancellor, Masters and Scholars of the University of Oxford	UK	IMPRESS	Integral membrane proteins resolution of stoichiometry and structure	LS1

FERSHT	Alan	Medical Research Council	UK	p53Lazarus	Tumour suppressor p53: structure, stability and novel anti-cancer drug development	LS1
SVEJSTRUP	Jesper	Cancer Research UK	UK	TRANSINTEG	Transcription and the maintenance of genome integrity	LS1
AITMAN	Timothy	Imperial College of Science, Technology and Medicine	UK	ELABORATE	Elucidation of the molecular and functional basis of disease phenotypes in the rat model	LS2
HOLLAND	Peter	The Chancellor, Masters and Scholars of the University of Oxford	UK	GENEVA	Genome Evolution in the Animal Kingdom	LS2
BOULTON	Simon	Cancer Research UK	UK	RecMitMei	Regulating recombination in mitotic and meiotic cells	LS2
CARR	Antony	University of Sussex	UK	SMI-DDR	Single Molecule Imaging of the DNA Damage Response in Live Cells	LS3
DE BONO	Mario	Medical Research Council	UK	ACMO	Systematic dissection of molecular machines and neural circuits coordinating C. elegans aggregation behaviour	LS5
LUCAS	Robert James	University of Manchester	UK	MeloVision	Melanopsin-based vision in health and disease	LS5
MORRIS	Richard	University of Edinburgh	UK	NEUROSCHEMA	The neurobiology of schemas: knowledge acquisition and consolidation	LS5
REIS E SOUSA	Caetano	Cancer Research UK	UK	DCSUBSET	Cross-species characterisation of CD8alpha+ dendritic cells and their role in immune regulation	LS6
CUSCHIERI	Alfred	University of Dundee	UK	CODIR	Colonic Disease Investigation by Robotic Hydro-colonoscopy	LS7
DANESH	John	The Chancellor, Masters and Scholars of the University of Cambridge	UK	EPICHEART	Interplay of genetic, nutrient and lifestyle factors on incidence of coronary disease: EPIC-Heart	LS7
KING	Lawrence Peter	The Chancellor, Masters and Scholars of the University of Cambridge	UK	PrivMort	The Impact of Privatization on the Mortality Crisis in Eastern Europe	LS7
GUPTA	Sunetra	The Chancellor, Masters and Scholars of the University of Oxford	UK	DIVERSITY	Evolution of Pathogen and Host Diversity	LS8
GASTON	Kevin John	University of Sheffield	UK	ECOLIGHT	Ecological effects of light pollution	LS8
MONAGHAN	Patricia	University of Glasgow	UK	ECOTELO	The ecological significance of telomere dynamics: environments, individuals and inheritance	LS8
EMBLEY	Thomas Martin	University of Newcastle Upon Tyne	UK	EUKORIGINMIT	Eukaryotic genomic origins, parasites, and the essential nature of mitochondria	LS8
PAGEL	Mark	University of Reading	UK	MotherTongue	The Evolution of Human Languages	LS8
BIRKHEAD	Tim	University of Sheffield	UK	PCSSIB	Post-copulatory sexual selection in birds: sperm production, sperm selection and early development in birds	LS8
MA	Julian K-C.	St. George's Hospital Medical School	UK	Future-Pharma	Exploiting plants for the production of future generation recombinant pharmaceuticals	LS9
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	KetenCyclcs	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
LAROQUE	Guy	Institute for Fiscal Studies	UK	WSCWTBDS	The Welfare State in a Complex World Taxes and Benefits in a Diverse Society	SH1
COLLINS	Harry	University of Cardiff	UK	IMGAME	A new method for cross-cultural and cross-temporal comparison of societies	SH2
KALDOR	Mary	LSE - London School of Economics and Political Science	UK	SIT-SG	Security in transition: An Interdisciplinary Investigation into the Security gap	SH2
ROBERTS	Ian	The Chancellor, Masters and Scholars of the University of Cambridge	UK	ReCoS	Rethinking Comparative Syntax	SH4
RICHARDSON	Brian Frederick	University of Leeds	UK	ItalianVoices	Oral culture, manuscript and print in early modern Italy, 1450-1700	SH5
BAILEY	Geoffrey Nigel	University of York	UK	DISPERSE	Dynamic Landscapes, Coastal Environments and Human Dispersals	SH6
GOSDEN	Chris	The Chancellor, Masters and Scholars of the University of Oxford	UK	EngLald	Landscape and Identities: the case of the English Landscape 1500 BC- Ad1086	SH6
JONES	Glynis Eleanor May	University of Sheffield	UK	EOA	The Evolutionary Origins of Agriculture	SH6
MATTINGLY	David John	University of Leicester	UK	TRANS-SAHARA	Trans-SAHARA: State Formation, Migration and Trade in the Central Sahara (1000 BC - AD 1500)	SH6

*Laboratory based in Nijmegen, The Netherlands

**Permission has not yet been given for publication of name

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	