European Research Council

ERC Advanced Grants 2008 - PHYSICAL SCIENCES and ENGINEERING

The first part of the list shows proposals to be invited for funding (alphabetic order).
The last part, in yellow, is the reserve list (rank order)

Rank	Title	First name	Name	Host institution	Host country	Acronym	Project title	Panel
	Prof.	Remi	Abgrall	Institut National de Recherche en Informatique et en Automatique	FR	ADDECCO	Adaptive Schemes for Deterministic and Stochastic Flow Problems	PE1
	Dr.	Serge	Abiteboul	Institut National de Recherche en Informatique et en Automatique	FR	Webdam	Foundations of Web Data Management	PE6
	Prof.	Conny	Aerts	Katholieke Universiteit Leuven	BE	PROSPERITY	Probing Stellar Physics and Testing Stellar Evolution through Asteroseismology	PE9
	Prof.	Noga	Alon	Tel Aviv University	IL	DMMCA	Discrete Mathematics: methods, challenges and applications	PE1
	Prof.	Ignatios	Antoniadis	European Organization for Nuclear Research	CH	MassTeV	Mass hierarchy and particle physics at the TeV scale	PE2
	Prof.	Markus	Antonietti	Max-Planck-Gesellschaft	DE	HYDRA-Chem	Hydrothermal and Ionothermal Chemistry For Sustainable Materials (HYDRA-CHEM)	PE5
	Dr.	Frederique	Battin-Leclerc	Centre National de la Recherche Scientifique	FR	Clean-ICE	Detailed chemical kinetic models for cleaner internal combustion engines	PE8
	Prof.	André, Léon	Berger	Université catholique de Louvain	BE	EMIS	An Intense Summer Monsoon in a Cool World, Climate and East Asian Monsoon during Interglacials with a special emphasis on the Interglacials 500,000 years ago and before	PE10
	Prof.	Flemming	Besenbacher	Aarhus Universitet	DK	VIN	Video-rate Scanning Probe Microscopy Imaging of Nanostructures on Surfaces	PE4
	Prof.	Stephen Alec	Billings	The University of Sheffield	UK	NSYS	Nonlinear System Identification and Analysis in the Time, Frequency, and Spatio-Temporal Domains	PE7
	Prof.	Rainer	Blatt	Universitaet Innsbruck	AT	CRYTERION	Cryogenic Traps for Entanglement Research with Ions (CRYTERION)	PE2
	Prof.	Axel	Brandenburg	Kungliga Tekniska Högskolan	SE	AstroDyn	Astrophysical Dynamos	PE9
	Prof.	Alberto	Broggi	University of Parma	IT	OFAV	Open intelligent systems for Future Autonomous Vehicles	PE6
	Prof.	Silke	Buehler-Paschen	Technische Universitat Wien	AT	QuantumPuzzle	Quantum Criticality - The Puzzle of Multiple Energy Scales	PE3
(*)	Prof.	Michel	Campillo	Universite Joseph Fourier Grenoble 1	FR	Whisper	Towards continuous monitoring of the continuously changing Earth	PE10
	Prof.	Lorenz S.	Cederbaum	Ruprecht-Karls-Universitaet Heidelberg	DE	ICD	Intermolecular Coulombic decay and control of photoinduced processes in physics, chemistry, and biology	PE4
	Prof.	Stefano	Ceri	Politecnico di Milano	IT	SeCo	Search Computing	PE6
	Dr.	Marc	Chaussidon	Centre National de la Recherche Scientifique	FR	CEMYSS	Cosmochemical Exploration of the first two Million Years of the Solar System	PE9
	Prof.	Anthony Kevin	Cheetham	The Chancellor, Masters and Scholars of the University of Cambridge	UK	NEWMATS	New Directions in Hybrid Inorganic-Organic Framework Materials	PE5
	Prof.	Alexander Giles	Davies	University of Leeds	UK	NOTES	New Opportunities in Terahertz Engineering and Science	PE7
	Prof.	Tomasz	Dietl	Instytut Fizyki Polskiej Akademii Nauk	PL	FunDMS	Functionalisation of Diluted Magnetic Semiconductors	PE3
	Prof.	Savas	Dimopoulos	The Chancellor, Masters and Scholars of the University of Oxford	UK	BSMOXFORD	Physics Beyond the Standard Model at the LHC and with Atom Interferometers.	PE2
	Prof.	Boris	Dubrovin	International School for Advanced Studies	IT	FroM-PDE	Frobenius Manifolds and Hamiltonian Partial Differential Equations	PE1
	Prof.	Thomas	Ebbesen	CIRFC - Centre International de Recherche aux frontières de la chimie	FR	PLASMONICS	Frontiers in Surface Plasmon Photonics - Fundamentals and Applications	PE2
	Prof.	Hélène	Esnault	Universität Duisburg-Essen	DE	Rational Points	Fundamental groups, etale and motivic, local systems, Hodge theory and rational points	PE1
	Prof.	Heino	Falcke	Stichting Katholieke Universiteit, Radboud University Nijmegen	NL	LOFAR-AUGER	From Black Holes to Ultra-High Energy Cosmic Rays: Exploring the Extremes of the Universe with Low-Frequency Radio Interferometry	PE9
	Dr.	Olivier Dominique	Faugeras	Institut National de Recherche en Informatique et Automatique	FR	NERVI	From single neurons to visual perception	PE1
	Prof.	Bernard	Feringa	University of Groningen	NL	Molecular motors	Molecular Motors - Controlling movement at the nanoscale	PE4
	Prof.	Sergio	Ferrara	Istituto Nazionale di Fisica Nucleare	IT	SUPERFIELDS	Supersymmetry, quantum gravity and gauge fields	PE2
	Dr.	Hubertus	Fischer	University of Bern	CH	MATRICs	Modern Approaches to Temperature Reconstructions in polar Ice Cores	PE10
	Prof.	Elvira	Fortunato	Faculty of Sciences and Technology of New University of Lisbon	PT	INVISIBLE	Advanced Amorphous Multicomponent Oxides for Transparent Electronics	PE8
	Prof.	Marijn	Franx	Universiteit Leiden	NL	HIGHZ	HIGHZ: Elucidating galaxy formation and evolution from very deep Near-IR imaging	PE9
	Prof.	Daniel	Frenkel	The Chancellor, Masters and Scholars of the University of Cambridge	UK	COLSTRUCTION	Numerical Design of Self Assembly of Complex Colloidal Structures	PE3
	Dr.	Daniel	Frost	Universität Bayreuth	DE	DEEP	Deep Earth Elastic Properties and a Universal Pressure Scale	PE10
	Prof.	Nicola	Fusco	Università di Napoli 'Federico II'	IT	AnTeGeFI	Analytic Techniques for Geometric and Functional Inequalities	PE1
	Prof.	William	Gaver	Goldsmiths' College	UK	ThirdWaveHCI	Third Wave HCI: Methods, Domains and Concepts	PE6
	Prof.	George	Gazetas	National Technical University of Athens	EL	DARE	Soil Foundation Structure Systems Beyond Conventional Seismic Failure Thresholds: Application to New or Existing Structures and Monuments	PE8
	Prof.	Alex	Gershman	Technische Universitaet Darmstadt	DE	ROSE	Robust Sensor Array Processing	PE7
	Prof.	Carlo	Ghezzi	Politecnico di Milano	IT	SMScom	Self-Managing Situated Computing	PE6
	Prof.	Nicolas	Gisin	Université de Genève	CH	QORE	Quantum Correlations	PE2
	Dr.	D. Christian	Glattli	Commissariat à l'énergie atomique	FR	MeQuaNo	Mesoscopic Quantum Noise: from few electron statistics to shot noise based photon detection	PE3
	Prof.	David	Harel	Weizmann Institute of Science	IL	LIBPR	Liberating Programming	PE6
	Prof.	Johan	Håstad	Royal Institute of Technology	SE	ApproxNP	Approximation of NP-hard optimization problems	PE6
	Prof.	Mordehai (Moty)	Heiblum	Weizmann Institute of Science	IL	FQHE	Statistics of Fractionally Charged Quasi-Particles	PE3
	Prof.	Kevin Peter	Homewood	The University of Surrey	UK	SILAMPS	Silicon integrated lasers and optical amplifiers	PE7
	Prof.	Lars	Hultman	Linköpings Universitet	SE	FUNMAT	Self-Organized Nanostructuring in Functional Thin Film Materials	PE5
	Prof.	Atac	Imamoglu	Eidgenössische Technische Hochscule Zürich	CH	QON	Quantum optics using nanostructures: from many-body physics to quantum information processing	PE3

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	Prof.	Börje	Johansson	Kungliga Tekniska Högskolan	SE	ALPAM	Atomic-Level Physics of Advanced Materials	PE5
	Prof.	Ludmil	Katzarkov	University of Vienna	AT	GEMIS	Generalized Homological Mirror Symmetry and Applications	PE1
	Prof.	Sergei	Kazarian	Medicine	UK	MicroChemicalImaging	Enhancing microfabricated devices with chemical imaging for novel chemical	PE8
	Prof.	Reinhold	Kleiner	University of Tuebingen	DE	Socathes	Solid State/Cold Atom Hybrid Quantum Devices	PE3
	Prof.	Paul	Knochel	Ludwig-Maximilians-Universitaet Muenchen	DE	New organometallics	Preparation of polyfunctional organometallics: new key intermediates for synthetic organic chemistry	PE5
	Dr.	David A.	Kosower	Commissariat a l'Energie Atomique	FR	MM-PGT	Modern Methods for Perturbative Gauge Theories	PE2
	Prof.	Leo	Kouwenhoven	Delft University of Technology	NL	QuantumOptoElectr	Quantum Opto-Electronics	PE3
	Prof.	Michael	Kramer	The University of Manchester	UK	LEAP	Large European Array for Pulsars	PE9
	Prof.	Markku Tapio	Kulmala	Helsingin yliopisto	FI	ATMNUCLE	Atmospheric nucleation: from molecular to global scale	PE10
	Prof.	Antti Jukka	Kupiainen	Helsingin yliopisto	FI	MPOES	Mathematical Physics of Out-of-Equilibrium Systems	PE1
	Prof.	David Alan	Leigh	The University of Edinburgh	UK	WalkingMols	Synthetic Molecules that Walk Down Tracks: The First Small-Molecule Linear Motors	PE5
	Prof.	Johannes	Lelieveld	Cyprus Institute	CY	C8	Consistent computation of the chemistry-cloud continuum and climate change in Cyprus	PE10
	Prof.	Maciej	Lewenstein	Institut de Ciencies Fotòniques, Fund. Priv.	ES	QUAGATUA	Quantum Gauge Theories and Ultracold Atoms	PE2
	Prof.	Anne	L'Huillier	Lund University	SE	ALMA	Attosecond Control of Light and Matter	PE2
	Prof.	Roberto	Longo	Università degli Studi di Roma Tor Vergata	IT	OACFT	Operator Algebras and Conformal Field Theory	PE1
	Prof.	László	Lovász	Eötvös Loránd University	HU	DISCRETECONT	From discrete to contimuous: understanding discrete structures through continuous approximation	PE1
	Prof.	Alexander	Lubotzky	The Hebrew University of Jerusalem	IL	Expanders	Expander Graphs in Pure and Applied Mathematics	PE1
	Prof.	Ib Henning	Madsen	University of Copenhagen	DK	TMSS	Topology of Moduli Spaces and Strings	PE1
	Dr.	Victor	Malka	Centre National de la Recherche Scientifique	FR	PARIS	PARticle accelerators with Intense lasers for Science (PARIS)	PE2
	Prof.	Fabio	Martinelli	Universita degli Studi Roma Tre-Dipartimento di Matematica	IT	PTRELSS	Phase transitions in random evolutions of large-scale structures	PE1
	Prof.	Colin Robert	McInnes	University of Strathclyde	UK	VISIONSPACE	Visionary Space Systems: Orbital Dynamics at Extremes of Spacecraft Length-Scale	PE8
	Prof.	Frédéric	Merkt	Swiss Federal Institute of Technology Zurich	CH	CORYPHEE	Cold Rydbergs: photoionization, electronic spectroscopy and electrostatic trapping	PE4
	Prof.	Philippe	Michel	Ecole Politechnique Fédérale de Lausanne	CH	EQUIARITH	Equidistribution in number theory	PE1
	Prof.	Josef	Michl	Institute of Organic Chemistry and Biochemistry, ASCR v.v.i.	CZ	Dipolar Rotor Array	Regular Arrays of Artificial Surface-Mounted Dipolar Molecular Rotors.	PE5
	Prof.	Falko	Netzer	Universitaet Graz	AT	SEPON	Search for emergent phenomena in oxide nanostructures	PE4
	Prof.	Mauro	Nisoli	Politecnico di Milano - Dipartimento di Fisica	IT	ELYCHE	Electron-scale dynamics in chemistry	PE2
	Prof.	Abraham	Nitzan	Tel Aviv University	IL	TORMCJ	Thermal, optical and redox processes in molecular conduction junctions	PE4
	Prof.	Steven Patrick	Nolan	The University Court of the University of St Andrews	UK	FUNCAT	Fundamental Studies in Organometallic Chemistry and Homogeneous Catalysis	PE5
	Prof.	Guust	Nolet	CNRS	FR	Globalseis	New goals and directions for observational global seismology	PE10
	Prof.	Bengt	Nordén	Chalmers University of Technology	SE	SUMO	Supramolecular Motive Power	PE4
	Prof.	Michel	Orrit	Universiteit Leiden	NL	SiMoSoMa	Single molecules in soft matter: dynamical heterogeneity in supercooled liquids and glasses	PE4
	Prof.	Bjorn	Ottersten	Kungliga Tekniska Högskolan	SE	AMIMOS	Agile MIMO Systems for Communications, Biomedicine, and Defense	PE7
	Prof.	Gilles	Pijaudier-Cabot	Université de Pau et des Pays de l'Adour	FR	failflow	Failure and Fluid Flow in Porous Quasibrittle Materials	PE8
	Prof.	Janos	Pintz	MTA Renyi Alfred Kutatointezet (Alfred Renyi Institute of Mathematics, Hung	HU	PRIMEGAPS	Gaps between primes and almost primes. Patterns in primes and almost primes. Approximations to the twin prime and Goldbach conjectures.	PE1
	Prof.	Tsvi	Piran	The Hebrew University of Jerusalem	IL	GRBs	Gamma Ray Bursts as a Focal Point of High Energy Astrophysics	PE9
	Prof.	Maurizio	Prato	Universita Degli Studi di Trieste	IT	CARBONANOBRIDGE	Neuron Networking with Nano Bridges via the Synthesis and Integration of Functionalized Carbon Nanotubes	PE5
	Prof.	Alfio	Quarteroni	Ecole Politechnique Fédérale de Lausanne	CH	MATHCARD	Mathematical Modelling and Simulation of the Cardiovascular System	PE1
	Prof.	Ian	Robinson	University College London	UK	nanosculpture	Exploration of strains in synthetic nanocrystals	PE5
	Prof.	Wolfgang	Rosenstiel	Eberhard-Karls-Universität Tübingen	DE	BCCI	Bidirectional cortical communication interface	PE7
	Prof.	Matthew	Rosseinsky	University of Liverpool	UK	RLUCIM	Resilient large unit cell inorganic materials	PE5
	Prof.	Steven John	Rowland	University of Plymouth	UK	OUTREACH	Overlooked Unresolved Toxic Organic Pollutants: Resolution, Identification, Measurement and Toxicity:OUTREACH	PE10
	Dr.	Christophe	Salomon	Centre National de la Recherche Scientifique	FR	FERLODIM	Atomic Fermi Gases in Lower Dimensions	PE2
	Prof.	Jacob Cornelis	Schouten	Technische Universiteit Eindhoven	NL	SSRR	Smart Structured Rotating Reactors	PE8
	Prof.	Martin	Schroder	University of Nottingham	UK	COORDSPACE	Chemistry of Coordination Space: Extraction, Storage, Activation and Catalysis	PE5
(*)	Dr.	Detlef	Schroeder	Institute of Organic Chemistry and Biochemistry	CZ	HORIZOMS	New Horizons for Mass Spectrometry	PE4
	Prof.	Francesco	Sciortino	Universita' di Roma La Sapienza	IT	PATCHYCOLLOIDS	Patchy colloidal particles: a powerful arsenal for the fabrication of tomorrow new super-molecules. A theoretical and numerical study of their assembly processes.	PE3
	Prof.	Mordechai	Segev	Technion - Israel Institute of Technology	IL	NMNP	Nonlinear Micro- and Nano-Photonics: nonlinear optics at the micrometer scale and below	PE2
	Prof.	Mohammad Amin	Shokrollahi	Ecole Politechnique Fédérale de Lausanne	CH	ECC SciEng	Error-correcting codes and their applications in Science and Engineering	PE6
	Prof.	Jaap	Sinninghe Damste	Stichting Koninklijk Nederlands Instituut voor Zeeonderzoek	NL	PACEMAKER	Past Continental Climate Change: Temperatures from marine and lacustrine archives	PE10
	Prof.	Stanislav	Smirnov	Université de Genève	CH	CONFRA	Conformal fractals in analysis, dynamics, physics	PE1
	Prof.	Halil Mete	Soner	Sabanci University	TR	FiRM	Mathematical Methods for Financial Risk Management	PE1
	Prof.	Robert Stephen John	Sparks	University of Bristol	UK	VOLDIES	Dynamics of volcanoes and their impact on the environment and society	PE10
	Prof.	Michiel	Steyaert	Katholieke Universiteit Leuven	BE	DARWIN	Deep mm-Wave RF-CMOS Integrated Circuits	PE7
	Prof.	Andrew	Stuart	University of Warwick	UK	amstat	Problems at the Applied Mathematics-Statistics Interface	PE1
	Prof.	Bengt	Sundén	Lund University	SE	MMFCs	Multiscale Models for Catalytic-Reaction-Coupled Transport Phenomena in Fuel Cells	PE8

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	Prof.	Villy	Sundström	Lund University	SE	VISCHEM	Visualizing Molecular Change	PE4
	Prof.	Andrew Stuart	Tanenbaum	Vrije Universiteit	NL	R3S3	Research on Really Reliable and Secure Systems Software	PE6
	Prof.	Reshef	Tenne	Weizmann Institute of Science	IL	INTIF	Inorganic nanotubes and fullerene-like materials: new synthetic strategies lead to new materials	PE5
	Prof.	Albert	Van den Berg	University of Twente	NL	eLab4Life	eLab4Life: Electr(ochem)ical Labs-on-a-Chip for Life Sciences	PE7
	Prof.	Willem Frederik	van Gunsteren	Eidgenössische Technische Hochschule Zürich	Switzerland	Biomol. Simulation	Development of multi-scale molecular models, force fields and computer software for biomolecular simulation	PE4
	Prof.	Ioannis	Vardoulakis	National Technical University of Athens	EL	MEDIGRA	Mechanics of Energy Dissipation in Dense Granular materials	PE8
	Prof.	Thomas	Welton	Imperial College of Science, Technology & Medicine	UK	MIL	Mixing Ionic Liquids	PE4
	Mr.	Wolfgang	Wernsdorfer	Centre National de la Recherche Scientifique	FR	MolNanoSpin	Molecular spintronics using single-molecule magnets	PE3
	Prof.	Roland Martin	Wiesendanger	University of Hamburg	DE	FURORE	FUndamental studies and innovative appROaches of REsearch on magnetism	PE3
	Prof.	Anton	Zeilinger	University of Vienna	AT	QIT4QAD	Photonic Quantum Information Technology and the Foundations of Quantum Physics in Higher Dimensions	PE2
	Prof.	Eli	Zeldov	Weizmann Institute of Science	IL	NANOSQUID	Scanning Nano-SQUID on a Tip	PE3
	Prof.	Andrew	Zisserman	The Chancellor, Masters and Scholars of the University of Oxford	UK	VisRec	Visual Recognition	PE6
115	Prof.	Mikael	Östling	Kungl Tekniska Hoegskolan	SE	OSIRIS	Open silicon based research platform for emerging devices	PE7
116	Prof.	Bernt	Øksendal	Universitetet i Oslo	NO	INNOSTOCH	Innovations in stochastic analysis and applications with emphasis on stochastic control and information	PE1
117	Prof.	Carlo	Beenakker	Universiteit Leiden	NL	HOWTOCONTROLGRAPHENE	Search for mechanisms to control massless electrons in graphene	PE3
118	Prof.	David John	Hand	Imperial College of Science, Technology & Medicine	UK	DALDS	DALDS: Detecting anomalies and unusual events in large data sets	PE6
119	Prof.	Sylvie	Lorente	National Institute of Applied Sciences	FR	VasCo	Vascularized Constructal materials multifunctionnallly graded for self-healing and mechanical strength	PE8
120	Prof.	Jonathan Paul	Clayden	The University of Manchester	UK	CONFICOM	Molecular Telegraphy: Communication via Conformation	PE5
121	Prof.	Peter Andrew	Norreys	Science and Technology Facilities Council	UK	BRIGHT	BRIGHT: New ideas for the generation of coherent, high brightness femtosecond X-ray pulses	PE2
122	Prof.	Fabien	Morel	Luwig-Maximilians-Universitaet Muenchen	DE	Motives Cycles	Motives and Algebraic Cycles	PE1
123	Prof.	Eli	Pollak	Weizmann Institute of Science	IL	AQRT-MOD	Ab-initio real time quantum molecular dynamics	PE4

(*) Invitation letter for funding still to be sent (pending final confirmation of available budget)

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ERC Advanced Grants 2008 - LIFE SCIENCES

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Rank	Title	First name	Name	Host institution	Host country	Acronym	Project title	Panel
	Prof.	Rudolf	Aebersold	Eidgenoessische Technische Hochschule Zurich	CH	PROTEOMICS v3.0	Proteomics v3.0: Development, Implementation and Dissemination of a Third Generation Proteomics Technology	LS2
	Prof.	Per Erik	Ahlberg	Uppsala University	SE	Bone Scan	Traces in the bones: reconstructing the lost soft anatomy of the earliest vertebrates through ultra-high resolution synchrotron scanning.	LS8
	Prof.	Diego Sebastian	Amigorena	Institut Curie	FR	PhagoDC	Integrative phagosomal biology: antigen presentation and developmental programs in dendritic cells	LS6
	Prof.	Johan Henri	Auwerx	Ecole Polytechnique Fédérale de Lausanne	CH	Sirtuins	Phenogenomics of sirtuin corepressor family	LS4
	Prof.	Hilmar	Bading	Ruprecht-Karls Universität Heidelberg	DE	Nuclear Calcium	The biology of nuclear calcium: general principles of adaptations and strategies to develop a light-induced signaling enhancer	LS5
	Prof.	Naama	Barkai	Weizmann institute of science	IL	VarB	Variability and Robustness in Bio-molecular systems	LS2
	Prof.	Konrad	Basler	University of Zurich	CH	Drosophilasignaling	Signaling Pathways Controlling Patterning, Growth and Final Size of Drosophila Limbs	LS3
	Prof.	David	Baulcombe	Chancellor, Masters and Scholars of the University of Cambridge	UK	REVOLUTION	RNA silencing in regulation and evolution	LS2
	Dr.	Maria A.	Blasco	Centro Nacional Investigaciones Oncologicas	ES	TEL STEM CELL	From telomere chromatin to stem cell biology	LS1
	Prof.	Michael	Brecht	Humboldt-Universität zu Berlin	DE	Neuro-behavior	From Neuron to Behavior	LS5
	Prof.	Matteo	Carandini	University College London	UK	CORTEX	Computations by Neurons and Populations in Visual Cortex	LS5
	Prof.	Felice	Cervone	Università di Roma Sapienza	IT	FUEL-PATH	Exploiting the saccharification potential of pathogenic microorganisms to improve biofuel production from plants.	LS9
	Prof.	Reinhart J.M.	Ceulemans	Universiteit Antwerpen	BE	POPFULL	System analysis of a bio-energy plantation: full greenhouse gas balance and energy accounting	LS9
	Dr.	Daniel	Choquet	Centre National de la Recherche Scientifique	FR	Nano-Dyn-Syn	Nano-Scale Organization Dynamics and Functions of Synapses: from single molecule tracking to the physiopathology of excitatory synaptic transmission	LS5
	Prof.	Paul	Christou	Universitat de Lleida	ES	BIOFORCE	Simultaneous multi-pathway engineering in crop plants through combinatorial genetic transformation: Creating nutritionally biofortified cereal grains for food security	LS9
	Prof.	Johannes Carolus	Clevers	Koninklijke Nederlandse Akademie van Wetenschappen - KNAW	NL	StemCellMark	LGR receptors mark adult stem cells in multiple mammalian tissues	LS3
(*)	Prof.	Pascale	Cossart	Institut Pasteur	FR	MODELIST	Understanding the infection by the bacterium Listeria monocytogenes as a way to address key issues in biology	LS6
	Dr.	François-Loic	Cosset	Institut National de la Santé et de la Recherche Médicale	FR	HEPCENT	Molecular Analysis of Hepatitis C Virus Neutralization and Entry For the Development of Novel Antiviral Immunopreventive Strategies	LS7
	Prof.	Giulio	Cossu	Fondazione Centro San Raffaele del Monte Tabor	IT	Stem cells for DMD	Novel strategies for the cell therapy of muscular dystrophies	LS7
	Prof.	Caroline	Dean	John Innes Centre	UK	ENVGENE	Dissection of environmentally-mediated epigenetic silencing	LS2
	Dr.	Barry	Dickson	Forschungsinstiut fuer molekulare Pathologie GmbH	AT	Fru circuit	Neural basis of Drosophila mating behaviours	LS5
	Prof.	Stefanie	Dimmeler	Johann Wolfgang Goethe - Universitaet Frankfurt am Main	DE	ANGIOMIRS	microRNAs in vascular homeostasis	LS4
	Prof.	Denis	Duboule	Ecole Polytechnique Federale de Lausanne	CH	SystemsHox.ch	A System Approach to Hox Genes Regulation in Vertebrates	LS3
	Prof.	Jean-Marc	Egly	Groupement d'Intérêt Economique - Centre Européen de Recherche en Biologie	FR	TransReAct	TFIIH as a crucial actor in genome expression and repair	LS1
	Prof.	John	Endler	University of Exeter	UK	SensoryEvolution	Using Sensory Biology and Environmental Conditions to Predict the direction of Evolution	LS8
	Prof.	Patrik	Ernfors	Karolinska Institutet	SE	STEMRENEWAL	Identification of a new mechanism of stem cell self-renewal; direct implications on self-repair and tumor initiating cells in the brain	LS5
(*)	Dr.	Nicolas	Galtier	Centre National de la Recherche Scientifique	FR	PopPhyl	Population phylogenomics: linking molecular evolution to species biology	LS8
	Prof.	Pierre	Gönczy	Ecole Polytechnique Fédérale de Lausanne	CH	CENDUP	Decoding the mechanisms of centrosome duplication	LS3
	Prof.	Christian	Griesinger	Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V.	DE	hiddentimeNMR	NMR detected nanosecond to microsecond dynamics for biomolecular recognition dynamics	LS1
	Prof.	Piet	Gros	Universiteit Utrecht	NL	COCO	The molecular complexity of the complement system	LS1
	Prof.	Ingrid	Grummt	Deutsches Krebsforschungszentrum	DE	Ribogenes	The role of noncoding RNA in sense and antisense or orientation in epigenetic control of rRNA genes	LS2
	Prof.	Ilkka Aulis	Hanski	Helsingin yliopisto	FI	Spatialdynamics	Ecological, molecular, and evolutionary spatial dynamics	LS8
	Prof.	Ari	Helenius	Eidgenössische Technische Hochschule Zurich	CH	ViRNA	Cellular biology of virus infection	LS6
	Prof.	Jeremy Martin	Henley	University of Bristol	UK	SUMOBRAIN	Mechanisms and consequences of synaptic SUMOylation in health and disease	LS5
	Prof.	Jürgen	Hennig	Universitätsklinikum Freiburg für die Medizinische Fakultät der Albert-Ludw	DE	OVOC	Ultra Fast Magnetic Resonance Imaging using One-Voxel-One-Coil Acquisition	LS7
(*)	Prof.	Jan Hendrik Jozef	Hoeijmakers	Erasmus University Medical Center	NL	DamAge	DNA damage and the connection with cancer, premature aging and longevity	LS1
	Prof.	Carlos	Ibanez	Karolinska Institutet	SE	ALK7	Metabolic control by the TGF-² superfamily receptor ALK7: A novel regulator of insulin secretion, fat accumulation and energy balance	LS4
	Prof.	Howard Trevor	Jacobs	University of Tampere	FI	MITO BY-PASS	Molecular by-pass therapy for mitochondrial dysfunction	LS4
	Prof.	Michael Silvester Maria	Jetten	Stichting Katholieke Universiteit - Radboud University	NL	anammox	Anaerobic ammonium oxidizing bacteria: unique prokayotes with exceptional properties	LS8
	Prof.	Sebastian Lennox	Johnston	Imperial College London	UK	MoRIAE	Human and mouse models of rhinovirus induced acute asthma exacerbations	LS4
	Prof.	Jonathan	Jones	Sainsbury Laboratory	UK	ALBUGON	Genomics and effectoromics to understand defence suppression and disease resistance in Arabidopsis-Albugo candida interactions	LS6
	Prof.	George	Kordas	National Center for Scientific Research Demokritos	EL	NANOTHERAPY	A Novel Nano-container drug carrier for targeted treatment of prostate cancer	LS7
	Prof.	Dimitri Michael	Kullmann	University College London	UK	InterPlasticity	Long-term synaptic plasticity in interneurons: mechanisms and computational significance	LS5
	Prof.	Kevin Neville	Laland	University Court of the University of St Andrews	UK	EVOCULTURE	The Evolution of Culture	LS8
	Prof.	Thomas	Langer	University of Cologne	DE	Mitoscaffold	Mitochondrial membrane organization by protein scaffolds and lipid dynamics	LS3

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	Prof.	Bruno	Lemaitre	Ecole Polytechnique de Lausanne	CH	GutDroso	Gut immunity and homeostasis in Drosophila	LS6
	Prof.	Joachim	Lingner	Ecole Polytechnique Fédérale de Lausanne	CH	TERRA	Telomeric Repeat Containing RNA: Biogenesis, Composition and Function	LS1
	Prof.	Michael	Lisanti	IGBMC (Institute of Genetics and Mol Biol of the Cell)	FR	CAPER_BREAST CANCE	CAPER in Invasive Breast Cancer	LS7
	Prof.	Martin	Lohse	Julius-Maximilians-Universität Würzburg	DE	TOPAS	Towards the Quantal Nature of Receptor/cAMP Signals	LS7
	Prof.	Eiliv	Lund	Universitetet i Tomsø	NO	TICE	Transcriptomics in Cancer Epidemiology	LS7
	Prof.	Alberto	Mantovani	Humanitas Mirasole SpA	IT	HIIS	The humoral innate immune system: long pentraxins as a paradigm	LS6
	Prof.	William	Martin	Heinrich-Heine Universität Düsseldorf	DE	NETWORKORIGINS	A biological and chemical network approach to the study of biochemical origins, early cellular evolution, and gene distributions across genomes	LS8
	Prof.	Andreas	Mayer	Université de Lausanne	CH	ORGANELL	Organelle homeostasis:	LS3
	Prof.	Nicholas	Mazarakis	Imperial College London	UK	IRLVGTMND	Improved retrograde lentiviral vectors for gene therapy in motor neuron diseases	LS7
	Prof.	Frank Daniel	McKeon	Université Louis Pasteur	FR	INFLAMMATORICS	Novel Mechanisms of Airway Inflammation	LS6
	Mr.	Marcel	Mechali	Centre National de Recherche Scientifique	FR	ORICODE	Unraveling the code of DNA replication origins and its link with cell identity	LS1
	Prof.	Søren Kragh	Moestrup	Aarhus Universitet	DK	TROJA	Targeting Receptors Of Jointly Assembled Ligand-Drug Constructs	LS7
	Prof.	Edvard Ingjald	Moser	Norwegian University of Science and Technology	NO	CIRCUIT	Neural circuits for space representation in the mammalian cortex	LS5
	Dr.	Andrea	Musacchio	Istituto Europeo di Oncologia Srl	IT	KINCON	Molecular bases of kinetochore-microtubule attachment and their implications for cell cycle control.	LS1
	Prof.	Michal	Neeman	Weizmann Institute of Science	IL	IMAGO	Imaging regulatory pathways of angiogenesis	LS7
	Prof.	Vasilis	Ntziachristos	Technische Universitaet Muenchen	DE	MSOT	MSOT: Next Generation in-vivo imaging platform for post-genome biology and medicine	LS7
	Prof.	Bernhard Örn	Palsson	University of Iceland (Haskoli Islands)	IS	SYSTEM_Us	Systems Biology of Human Metabolism	LS2
	Prof.	Päivi	Peltomäki	Helsingin yliopisto	FI	Episusceptibility	Epigenome and Cancer Susceptibility	LS7
	Prof.	Josef Martin	Penninger	Institut fuer Molekulare Biotechnolgie GmbH	AT	COMBINE	From flies to humans combining whole genome screens and tissue specific gene targeting to identify novel pathways involved in cancer and metastases	LS4
	Prof.	Benedita	Rocha	National Institut for Health and Medical Research	FR	CD8 T Cells	Development and differentiation of CD8 T lymphocytes	LS6
	Prof.	Philippe	Sansonetti	Institut Pasteur	FR	HOMEOEPITH	Homeostasis and rupture of the gut epithelium in the presence of commensals and pathogens	LS6
	Dr.	Vincent	Savolainen	Imperial College of Science, Technology and Medicine	UK	OriGene	Understanding the Origin of Species: Ecological Genomics and Transcriptomics on Oceanic Islands	LS8
	Prof.	Ben J.G.	Scheres	Utrecht University	NL	SysArc	Systems Biology to understand Plant Architecture	LS3
	Prof.	Michael David	Schneider	Imperial College London	UK	CADRE	Cardiac Death and Regeneration	LS4
	Prof.	Christopher Joseph	Schofield	Chancellor, Masters and Scholars of the University of Oxford	UK	MOOSE	Molecular Mechanism of Oxygen Sensing by Enzymes	LS1
	Prof.	Michal	Schwartz	Weizmann Institute of Science	IL	Immune_memory aging	Can immune system rejuvenation restore age-related memory loss?	LS5
	Prof.	Luis	Serrano	Fundació Privada Centre de Regulació Genòmica	ES	CellDoctor	Quantitative understanding of a living system and its engineering as a cellular organelle	LS2
	Dr.	Manuel	Serrano	Centro Nacional Investigaciones Oncologicas	ES	CANCER&AGEING	Commom mechanisms underlying cancer and ageing	LS1
	Prof.	Ehud	Shapiro	Weizmann Institute of Science	IL	Biomolecular_comp	Biomolecular computers	LS9
	Dr.	Brigitta	Stockinger	Medical Research Council	UK	AhRimmunity	The influence of Aryl hydrocarbon receptor ligands on protective and pathological immune responses	LS6
	Prof.	Jussi	Taipale	National Public Health Institute	FI	GrowthControl	Dissecting the transcriptional mechanisms controlling growth during normal development and cancer	LS2
	Dr.	Alan	Tunnacliffe	Chancellor, Masters and Scholars of the University of Cambridge	UK	DRYLIFE	Surviving the dry state: engineering a desiccation-tolerant mammalian cell	LS9
	Prof.	Michael David	Tyers	University of Edinburgh	UK	SCG	Systematic Chemical Genetic Interrogation of Biological Networks	LS2
	Prof.	Fritz	Vollrath	Chancellor, Masters and Scholars of the University of Oxford	UK	SABIP	Silks as Biomimetic Ideals for Polymers: SABIP	LS9
	Prof.	Gunnar	von Heijne	Stockholms Universitet	SE	MEMFOLD	New approaches to the study of membrane-protein folding in vivo and in silico	LS1
	Prof.	Erwin F.	Wagner	Fundación Centro Nacional de Investigaciones Oncológicas Carlos III	ES	AP-1-Fun	AP-1 (Fos/Jun) Functions in Physiology and Disease	LS4
	Prof.	Stuart	West	University of Edinburgh	UK	Cooperation	Evolutionary explanations for cooperation: microbes to humans	LS8
	Dr.	Thorsten	Wiegand	Helmholtz - Zentrum für Umweltforschung GmbH - UFZ	DE	SPATIODIVERSITY	Towards a Unified Spatial Theory of Biodiversity	LS8
	Prof.	Juleen Rae	Zierath	Karolinska Institutet	SE	ICEBERG	Discovery of Type 2 Diabetes Targets	LS4
85	Prof.	Harald Alfred	Stenmark	University of Oslo	NO	PI3K-III complex	The PI3K-III complex: Function in cell regulation and tumour suppression	LS3
86	Prof.	Hans-Reimer	Rodewald	Universität Ulm (University of Ulm)	DE	Mast-cell-functions	Genetically defined and selectively mast cell-deficient mouse model to unravel the immunological roles of mast cells	LS6
87	Dr.	Giacomo	Cavalli	Centre National de la Recherche Scientifique	FR	FlyingPolycomb	Polycomb in development, genome regulation and cancer	LS2
88	Prof.	Mart	Saarma	Helsingin yliopisto	FI	CDNFPark	Biology and therapeutic potential of a novel family of neurotrophic factors	LS5
89	Prof.	Kari Kustaa	Alitalo	Helsingin yliopisto	FI	B-COR	Novel biological functions and therapeutic potential of vascular endothelial growth factor-b	LS3
90	Prof.	Greet	Van den Berghe	Katholieke Universiteit Leuven	BE	EMOF	Endocrine and metabolic aspects of organ failure in critical illness: perspectives for prevention and therapy	LS4

(*) Invitation letter for funding still to be sent (pending final confirmation of available budget)

European Research Council

ERC Advanced Grants 2008 - SOCIAL SCIENCES and HUMANITIES

The first part of the list shows proposals to be invited for funding (alphabetic order).
The last part, in yellow, is the reserve list (rank order).

Rank	Title	First name	Name	Host institution	Host country	Acronym	Project title	Panel
	Prof.	Jean-Marie	Baland	Facultes Universitaires Notre Dame de la Paix	BE	SSD	Social capital and enforcement of informal contracts in developing economies	SH1
	Prof.	Graeme	Barker	Chancellor, Masters and Scholars of the University of Cambridge	UK	TRANS-NAP	Cultural transformations and environmental transitions in North African prehistory	SH6
	Prof.	Christoph	Bode	Ludwig-Maximilians-Universitaet Muenchen	DE	NAFU	Narrating Futures	SH5
	Prof.	Dorret	Boomsma	Vrije Universiteit	NL	GMI	Genetics of Mental Illness	SH4
	Prof.	David	Burr	Fondazione Stella Maris	IT	STANIB	Space, Time and Number In the Brain	SH4
	Prof.	Angelos	Chaniotis	Chancellor, Masters and Scholars of the University of Oxford	UK	Emotions	The social and cultural construction of emotions: The Greek paradigm	SH6
	Prof.	Hilary Margaret	Chappell	Ecole des hautes études en Sciences Sociales	FR	SINOTYPE	The hybrid syntactic typology of Sinitic languages	SH4
	Prof.	François	Collart Dutilleul	Université de Nantes	FR	LASCAUX	Analysis and assessment of the new European Agri-food Law in the contexts of food safety, sustainable development and international trade	SH2
	Prof.	Greville	Corbett	University of Surrey	UK	MORPHOLOGY	Morphological Complexity: Typology as a Tool for Delineating Cognitive Organization	SH4
	Prof.	Roumen	Daskalov	New Bulgarian University (SG N80, 1991)	BG	Entangled Balkans	Balkan Histories: Shared, Connected, Entangled	SH6
	Prof.	Didier	Fassin	Ecole des hautes études en sciences sociales	FR	MORALS	Towards a critical moral anthropology	SH2
	Prof.	Giovanni	Federico	European Univesity Institute	IT	INMARWEL	Market Integration and the Welfare of Europeans	SH6
	Prof.	Maribel	Fierro Bello	Consejo Superior de Investigaciones Cientificas	ES	KOHEPOCU	Knowledge, heresy and political culture in the Islamic West. Eighth-fifteenth centuries	SH6
	Dr.	William Tecumseh Sherman	Fitch	University of St Andrews	UK	SOMACCA	The Syntax of the Mind: A Comparative Computational Approach	SH4
	Prof.	Herta	Flor	Zentralinstitut für Seelische Gesundheit	DE	PHANTOMMIND	Phantom phenomena: A window to the mind and the brain	SH4
	Dr.	Jordi	Galí	Centre de Recerca en Economia Internacional	ES	LABPOL	Labor Markets, Economic Fluctuations, and Monetary Policy	SH1
	Dr.	Juan Carlos	Garavaglia	Universitat Pompeu Fabra	ES	StateBgLatAmerica	The State Building process in Latin American history: a comparative study, 1820-1870	SH6
	Prof.	Roberto	Gargiani	Ecole Polytechnique Fédérale de Lausanne	CH	FMWK 1870-2008	The surfaces of cement and reinforced concrete. A history of the formworks and processing of the surface, 1870-2008	SH5
	Prof.	Hans-Werner	Goetz	University of Hamburg	DE	POR	Perception of Religions	SH6
	Prof.	Nilufer	Gole	Ecole des Hautes Etudes en Sciences Sociales	FR	Europublicislam	Islam in the Making of a European Public Sphere	SH5
	Prof.	Christian	Gollier	Fondation Jean-Jacques Laffont - Toulouse Sciences Economiques	FR	LONG-TERM RISKS	Evaluation and management of collective long-term risks	SH1
	Prof.	Kirsten	Hastrup	Kobenhavns Universitet	DK	Waterworlds	Waterworlds: Natural environmental disasters and social resilience in anthropological perspective	SH2
	Prof.	Roman Anton	Inderst	Johann Wolfgang Goethe - Universitaet Frankfurt am Main	DE	RRF	Regulating Retail Finance	SH1
	Prof.	Peter	Jackson	University of Sheffield	UK	CONANX	Consumer culture in an age of anxiety: political and moral economies of food	SH3
	Prof.	Philippe	Jehiel	Ecole d'Economie de Paris	FR	GTAPCL	Game Theory and Applications in the Presence of Cognitive Limitations	SH1
	Prof.	Gyozo Victor	Karady	Kozep-europai Egyetem	HU	elites08	Culturally Composite Elites, Regime Changes and Social Crises in Multi-Ethnic and Multi-Confessional Eastern Europe. (The Carpathian Basin and the Baltics in Comparison - cc. 1900-1950).	SH6
	Prof.	Per	Krusell	Stockholms universitet	SE	MACROCLIMATE	Quantitative dynamic macroeconomic analysis of global climate change and inequality	SH1
	Prof.	Victor Albert Farid	Lamme	University of Amsterdam	NL	DEFCON1	A new definition of consciousness	SH4
	Prof.	Oliver Bruce	Linton	London School of Economics and Political Science	UK	NAMSEF	Nonparametric and Semiparametric Methods in Economics and Finance	SH1
	Prof.	Massimo	Marinacci	Fondazione Collegio Carlo Alberto	IT	BRSCDP-TEA	Bounded rationality and social concerns in decision processes: theory, experiments, and applications	SH1
	Prof.	Colin John	McInnes	Aberystwyth University	UK	GHG	The Transformation of Global Health Governance: Competing Worldviews and Crises.	SH2
	Prof.	John	Moore	Univeristy of Edinburgh	UK	MLAE	Money, Liquidity, and the Aggregate Economy	SH1
	Dr.	Hans Christian	Müller	Centre National de la Recherche Scientifique	FR	ILM	Islamic Law materialized: Arabic legal documents (8th to 15th century) (ILM)	SH6
	Prof.	Pieter	Muysken	Stiching Katholieke Universiteit Nijmegen-Radboud University	NL	contacts	Traces of contact: Language contact studies and historical linguistics	SH5
	Prof.	Patrick Karl	O'Brien	London School of Economics and Political Science	UK	URKEW	Useful and Reliable Knowledge in Global Histories of Material Progress in the East and the West	SH6
	Dr.	Maria Leonor	Peña Chocarro	Consejo Superior de Investigaciones Cientificas	ES	AGRIWESTMED	Origins and spread of agriculture in the south-western Mediterranean region.	SH6
	Prof.	Claudio	Radaelli	University of Exeter	UK	ALREG	Analysing Learning in Regulatory Governance	SH2
	Dr.	François	Recanati	Centre National de la Recherche Scientifique Delegation Paris A	FR	CCC	Context, Content, and Compositionality	SH4
	Prof.	Klaus	Scherer	Université de Genève	CH	PROPEREMO	Production and perception of emotion: An affective sciences approach	SH4
	Prof.	Sabine	Schmidtke	Freie Universität Berlin	DE	Rationalism	Rediscovering Theological Rationalism in the Medieval World of Islam	SH5
	Prof.	Josephine	Shaw	University of Edinburgh	UK	CITSEE	The Europeanisation of Citizenship in the Successor States of the Former Yugoslavia	SH2
	Prof.	Ran	Spiegler	University College London	UK	BRIO	Bounded Rationality in Industrial Organization	SH1
	Prof.	Bo	Stråth	University of Helsinki, Centre for Nordic Studies	FI	EReRe	Between Restoration and Revolution, National Constitutions and Global Law: an Alternative View on the European Century 1815-1914	SH2
	Prof.	Guido	Tabellini	Università Commerciale Luigi Bocconi	IT	Institutions	How do values influence the functioning of institutions and the effects of policies?	SH1
	Prof.	Harry J.P.	Timmermans	Technische Universiteit Eindhoven	NL	U4IA	U4IA(Euphoria): Emerging Urban Futures and Opportune Repertoires of Individual Adaptation	SH3
	Prof.	Marco Henk Dammes	Van Leeuwen	Universiteit Utrecht	NL	TowardsOpenSocieties	Towards Open Societies? Trends, Variations and Driving Forces of Intergenerational Social Mobility in Europe over the Past Three Centuries	SH6
	Prof.	Xavier	Vives	IESE Business School, University of Navarra	ES	INFOCOMP	Information and Competition	SH1
	Prof.	Fabrizio	Zilibotti	University of Zurich	CH	IPCDP	Institutions, Policy and Culture in the Development Process	SH1
49	Dr.	Ian Jonathan	Grainger	Centre National de la Recherche Scientifique	FR	O-Code	Cracking the orthographic code	SH4
50	Prof.	François	Maniquet	Université catholique de Louvain	BE	DIRePol	On defining and implementing re-distributive policies	SH1
51	Prof.	Walter	Pohl	University of Vienna	AT	CETME	Christianity and the Ethnic Turn in Medieval Europe	SH6
52	Prof.	Hans	Joas	University of Erfurt	DE	socialchange	Towards a Theory of Social Change in the Age of Contingency	SH2

ERC Advanced Grants 2008 - INTERDISCIPLINARY RESEARCH

There is no reserve list in this domain.

Title	First name	Name	Host institution	Host country	Acronym	Project title
Prof.	Don Reginald	Brothwell	University of York	UK	InterArChive	Interred with their bones linking soil micromorphology and chemistry to unlock the hidden archive of archaeological human burials
Prof.	Mark Andrew Joseph	Chaplain	University of Dundee	UK	M5CGS	From Mutations to Metastases: Multiscale Mathematical Modelling of Cancer Growth and Spread
Prof.	Pier Paolo	Di Fiore	IFOM Fondazione Istituto FIRC di Oncologia Molecolare	IT	MAMMASTEM	Molecular mechanisms of the regulation of mammary stem cell homeostasis and their subversion in cancer
Prof.	Israel	Finkelstein	Tel Aviv University	IL	RAIELSP	Reconstructing Ancient (Biblical) Israel: The Exact and Life Sciences Perspective
Prof.	Nir	Friedman	Hebrew University of Jerusalem	IL	RegulatoryCircuits	Novel Systematic Strategies for Elucidating Cellular Regulatory Circuits
Prof.	Helen	Gilbert	Royal Holloway and Beford New College	UK	IPCWPPB	Indigeneity in the Contemporary World: Performance, Politics and Belonging
Prof.	Marcos Antonio	Gonzalez Gaitan	Université de Genève	CH	SARA	"Endosomal trafficking
Prof.	Riitta Kyllikki	Hari	Helsinki University of Technology	FI	Brain2Brain	Towards two-person neuroscience
Prof.	Christopher	Heeschen	University Montpellier 1, CHU Montpellier, Hopital St. Eloi	FR	Pa-CSC	Molecular characterization and targeted elimination of metastatic pancreatic cancer stem cells
Prof.	Jeffrey	Hubbell	Ecole Polytechnique Federale de Lausanne	CH	NanoImmune	Nanoparticle Vaccines: At the interface of bionanotechnology and adaptive immunity
Prof.	Xiangqian	Jiang	University of Huddersfield	UK	Surfund	Fundaments and Principles for Measurement and Characterization of 21st Century Science and Engineering Surfaces
Prof.	Christian	Körner	University of Basel	CH	TREELIM	A functional explanation of low temperature tree species limits
Prof.	Jane Alison	Langdale	Chancellor, Masters & Scholars of the University of Oxford	UK	EDIP	Evolution of Development In Plants
Dr.	Wolfgang	Lutz	International Institute for Applied Systems Analysis	AT	FutureSoc	Forecasting Societies Adaptive Capacities to Climate Change
Prof.	William	Marslen-Wilson	Medical Research Council	UK	NEUROLEX	Neurocognitive systems for morpho-lexical analysis: The cross-linguistic foundations for language comprehension
Prof.	Owe	Orwar	Chalmers University of Technology	SE	SFN	Soft Matter Nanotechnology to Create Life-Like Machines
Prof.	Svante	Pääbo	Max Planck Gesellschaft zur Foerderung der Wissenschaften e.V.	DE	TWOPAN	Genomic and Phenotypic Evolution of Bonobos, Chimpanzees and Humans
Prof.	Efstratios	Pistikopoulos	Imperial College of Science Technology and Medicine	UK	MOBILE	Modelling, Optimization and Control of Biomedical Systems
Prof.	Andrea	Rinaldo	Ecole Polytechnique Fédérale de Lausanne	CH	RINEC	River networks as ecological corridors for biodiversity, populations and waterborne disease (RINEC)
Prof.	Peter	Seeberger	Eidgenoessische Technische Hochschule Zuerich	CH	AUTOHEPARIN	Automated Synthesis of Heparin and Chondroitin Libraries for the Preparation of Diverse Carbohydrate Arrays
Prof.	Kevin Morris	Shakesheff	University of Nottingham	UK	MASC	MASC: Materials that Impose Architecture within Stem Cell Populations
Prof.	Mel	Slater	Universitat Politècnica de Catalunya	ES	TRAVERSE	Transcending Reality Activating Virtual Environment Responses through Sensory Enrichment
Dr.	Jean-Luc	Starck	Commissariat a l'energie atomique	FR	SparseAstro	Sparse Representation of Multivalued Images: Application in Astrophysics
Dr.	Nektarios	Tavernarakis	Foundation for Research and Technology - Hellas	EL	NeuronAge	Molecular Basis of Neuronal Ageing
Prof.	Tamás	Vicsek	Loránd Eötvös University	HU	COLLMOT	Complex structure and dynamics of collective motion
Prof.	Viola	Vogel	Eidgenoessische Technische Hochschule Zuerich	CH	Mechanochem Switches	Switching the structure-function relationship of proteins by mechanical forces: physiological and technological implications
Prof.	Hans-Joachim	Voth	Universitat Pompeu Fabra	ES	InsecureAssets	Securities in times of insecurity: Asset returns and holdings during political, social and economic crises in Europe, 1900-1950
Prof.	Jan	Zielonka	Chancellor, Masters and Scholars of the University of Oxford	UK	MDCEE	Media and Democracy in Central and Eastern Europe: Qualities of Democracy, Qualities of Media
Prof.	Sergej	Zilitinkevich	Finnish Meteorological Institute	FI	PBL-PMES	Atmospheric planetary boundary layers: physics, modelling and role in Earth system