

ERC Advanced Grants 2022

List of Principal Investigators selected for funding

The statistics and final list of successful candidates are provisional. The Trade and Cooperation Agreement between the European Union and the United Kingdom allows for associating the UK to the current EU research and innovation funding programme, Horizon Europe, subject to the adoption of a Protocol. As this Protocol has not been adopted so far, the UK is still considered "non-associated" to Horizon Europe. Therefore, the successful proposals of applicants based in a country in the process of associating to Horizon Europe will be eligible for funding only if the relevant Horizon Europe association agreement applies by the time of the signature of the grant agreement. However, successful applicants from UK host institutions can still be funded, provided that they move to a host institution in an eligible country.

Last name	First name	Host Institution Local name	Host Institution name	Host country	Acronym	Title	Panel
CIOTTI	Manuela	Universität Wien	University of Vienna	AT	ANTHROFUTURE	The anthropology of the future: An art world perspective	SH3
GRILL	Leonhard	Universität Graz	University of Graz	AT	AMOS	Adsorbate Motors: Tricking Microscopic Reversibility on Surfaces	PE4
SCHMIEDMAYER	Joerg	Technische Universität Wien	Vienna university of Technology	AT	EmQ	Emergence in Quantum Physics	PE2
TANAKA	Elly	Forschungsinstitut für Molekulare Pathologie Ges.m.b.H	The Research Institute of Molecular Pathology	AT	RegLimbNervate	Re-innervation during successful and unsuccessful limb regeneration	LS3
BINNEMANS	Koen	KU Leuven	KU Leuven	BE	CIRMET	Circular hydrometallurgy for energy-transition metals	PE11
CALLEWAERT	Nico	Vlaams Instituut voor Biotechnologie	Flanders Institute for Biotechnology (VIB)	BE	GlycoCAR	Targeting of glycosylation pathways to empower CAR-T therapy of solid tumors.	LS7
LAPENTA	Giovanni	KU Leuven	KU Leuven	BE	TerraVirtualE	Planetary space simulations based on the particle description for electrons and ions.	PE9
LAUGRAND	Frederic	Université catholique de Louvain	Catholic University of Louvain	BE	Interspecific	Biodiversity, Local Knowledge and Zoonoses in Austronesia: Ethnography of Bats and Related Interspecific Communities	SH3
MARTEL	An	Universiteit Gent	Ghent University	BE	GLOSSI	Targeting skin glycosylation patterns to protect threatened salamanders from disease driven extinction	LS9
PARDOEN	Thomas	Université catholique de Louvain	Catholic University of Louvain	BE	HAPI	Ultimate fracture toughness through thickness engineering	PE8
STANDAERT	François-Xavier	Université catholique de Louvain	Catholic University of Louvain	BE	BRIDGE	Connecting Symmetric and Asymmetric Cryptography for Leakage and Faults	PE6
VERSTRAETE	Frank	Universiteit Gent	Ghent University	BE	ISYS	"It's the Symmetry, Stupid!" Gearing Up Tensor Networks for the Topological Quantum Revolution	PE2
HOLCAPEK	Michal	Univerzita Pardubice	University of Pardubice	CZ	ONCOLIPID	Oncolipidomics: Why is lipidomic dysregulation pattern in blood similar for various cancers?	LS2

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JUNGWIRTH	Pavel	Ústav organické chemie a biochemie AV ČR	Institute of Organic Chemistry and Biochemistry AS CR	CZ	Q-SCALING	Doing Charges Right: Modelling Ion-Controlled Biological Processes with the Correct Toolbox	PE4
JUNGWIRTH	Tomas	Fyzikální ústav Akademie věd ČR v.v.i	Institute of Physics, Academy of Sciences of the Czech Republic	CZ	ALTERMAG	Altermagnetism and spintronics without magnetization and relativity	PE3
SIVIC	Josef	České vysoké učení technické v Praze	Czech Technical University	CZ	FRONTIER	Federated foundational models for embodied perception	PE6
ADAMS	Nikolaus	Technische Universität München	Technical University of Munich	DE	GENUFASD	Generative Understanding of Ultrafast Fluid Dynamics	PE8
BARTHOLDI	Laurent	Universität des Saarlandes	Saarland University	DE	ADA	Automata, Dynamics and Actions	PE1
BEETZ	Michael	Universität Bremen	University of Bremen	DE	FAME	FAME: Open-Ended Manipulation Task Learning with FAME (Future-Oriented Cognitive ¹ Action Modelling Engine)	PE7
BOEGER	Rainer	Universitätsklinikum Hamburg-Eppendorf	University Hospital Hamburg	DE	NO PRESSURE	Regulation of the L-arginine – ADMA – Nitric Oxide (NO) Pathway in the Pulmonary Vascular Response to Hypoxia and its Role for Survival of High-Risk COPD Patients	LS7
CHASE	Jonathan	Martin-Luther-Universität Halle-Wittenberg	University of Halle	DE	MetaChange	Biodiversity change across time and space in the Anthropocene: Leveraging metacommunity modelling, land-use change, and open data to achieve deeper understanding	LS8
CHENG	Gordon	Technische Universität München	Technical University of Munich	DE	STROLL	Soft-exoskeleton suit To Restore Autonomous Locomotion	PE7
DICKMANN	Frank	Ruhr-Universität Bochum	Ruhr University Bochum	DE	InnerMap	A novel approach to improved navigation performance through memory triggering maps	SH7

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DUBOURDIEU	Catherine	Helmholtz-Zentrum Berlin für Materialien und Energie	Helmholtz Centre Berlin for Materials and Energy	DE	LUCIOLE	Layering, Understanding, Controlling and Integrating Ferroelectric Polar Textures on Silicon	PE11
EILERS	Martin	Julius-Maximilians-Universität Würzburg	University of Würzburg	DE	SENATR	Sensing Aberrant Transcription by MYC Multimers	LS4
EISERT	Jens	Freie Universität Berlin	Free University of Berlin	DE	DebuQC	Delineating the boundary between the computational power of quantum and classical devices	PE2
ENGEL	Andreas K.	Universitätsklinikum Hamburg-Eppendorf	Medical Center Hamburg-Eppendorf	DE	cICMs	Causal Roles of Intrinsic Coupling Modes: an Integrated Multiscale Framework for Cognitive Network Dynamics	SH4
FLEMING	Roland	Justus-Liebig-Universität Gießen	Justus Liebig University Giessen	DE	STUFF	Seeing Stuff: Perceiving Materials and their Properties	SH4
FRANCESCHINI	Chiara	Ludwig-Maximilians-Universität München	University of Munich (LMU)	DE	ARCHIATER	Heritage of Disease: The Art and Architectures of Early Modern Hospitals in European Cities	SH5
FREY	Erwin	Ludwig-Maximilians-Universität München	University of Munich (LMU)	DE	CellGeom	The geometrical and physical basis of cell-like functionality	PE3
GATHER	Malte	Universität Zu Köln	University of Cologne	DE	HyAngle	Challenging the fundamental limit of angular dispersion by hybridizing light and matter	PE7
GLORIUS	Frank	Westfälische Wilhelms-Universität Münster	University of Munster	DE	HighEnT	Energy Transfer Catalysis: A Highway to Molecular Complexity	PE5
GOULIELMAKIS	Eleftherios	Universität Rostock	University of Rostock	DE	ULPIS	Ultrafast Picoscopy of Solids	PE2
GREVEMEYER	Ingo	Helmholtz-Zentrum für Ozeanforschung Kiel	Helmholtz Centre for Ocean Research - Kiel	DE	TRANSFORMERS	The 'orphan' boundary type in plate tectonics: oceanic transform faults reconstructed	PE10
GROSS	Cornelius	European Molecular Biology Laboratory	European Molecular Biology Laboratory	DE	TERRITORY	The neural basis of dynamic territorial aggression and fear	LS5
LATZ	Eicke	Universitätsklinikum Bonn	University Medical Centre Bonn	DE	4D-SKINFLAM	Spatio-temporal integration of skin inflammation	LS6
LEANDER	Gregor	Ruhr-Universität Bochum	Ruhr University Bochum	DE	SymTrust	Trust-by-Design – Strong Security Arguments for Symmetric Key Cryptography	PE6

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LEMMER	Uli	Karlsruher Institut für Technologie	Karlsruhe Institute of Technology	DE	ORTHOGONAL	Origami inspired thermoelectric generators by printing and folding	PE7
MEISSNER	Alexander	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	Max Planck Society	DE	CancerEpigenome	Dissecting the cancer epigenome – fundamental lessons from developmental biology	LS2
MOCH	Sven-Olaf	Universität Hamburg	University of Hamburg	DE	Conformal-EIC	From conformal symmetries and integrability to the Electron-Ion Collider	PE2
NEUBERT	Matthias	Johannes Gutenberg Universität Mainz	University of Mainz	DE	EFT4jets	An Effective Field Theory for Non-Global Observables at Hadron Colliders	PE2
PATEL	Kiran Klaus	Ludwig-Maximilians-Universität München	University of Munich (LMU)	DE	InechO	Hidden Legacies: How discontinued International Organizations have shaped European governance since the 1910s	SH6
PLEFKA	Jan	Humboldt-Universität zu Berlin	Humboldt University of Berlin	DE	GraWFTy	High-Precision Gravitational Wave Physics from a Worldline Quantum Field Theory	PE2
ROEPKE	Friedrich	HITS gGmbH	HITS gGmbH	DE	ExCEED	Explaining Common Envelope Evolution and Dynamics in binary stellar systems	PE9
SCHULMAN	Brenda A.	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	Max Planck Society	DE	UPSmeetMet	Ubiquitin-Proteasome System crosstalk with Metabolism	LS1
SIEBER	Stephan	Technische Universität München	Technical University of Munich	DE	breakingBAC	Breaking resistance of pathogenic bacteria by chemical dysregulation	PE5
SIGRIST	Stephan	Freie Universität Berlin	Free University of Berlin	DE	SynProtect	The synaptic active zone as a signaling hub for sleep homeostasis and resilience	LS5
SOLANKI	Sami K.	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	Max Planck Society	DE	WINSUN	New Windows onto the Sun: Probing the Sun's magnetic field with an array of new missions and observatories	PE9
STRAUSZ	Roland	Humboldt-Universität zu Berlin	Humboldt University of Berlin	DE	PRIVDIMA	Data Privacy in Digital Markets	SH1

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STURM	Sven	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	Max Planck Society	DE	LSYM	Lepton Symmetry Experiment – matter / antimatter symmetry test with electron and positron	PE2
ZEISER	Robert	Universitätsklinikum Freiburg	University Medical Center Freiburg	DE	AlloCure	Deciphering cellular signalling to cure graft-versus-host disease (GVHD) and leukemia relapse	LS6
ZELLER	Andreas	CISPA Helmholtz-Zentrum für Informationssicherheit	CISPA Helmholtz Center for Information Security	DE	S3	Semantics of Software Systems	PE6
ZUAZUA	Enrique	Friedrich-Alexander-Universität Erlangen-Nürnberg	University of Erlangen-Nuremberg	DE	CoDeFeL	Control for Deep and Federated Learning	PE1
BIRKEDAL	Lars	Aarhus Universitet	Aarhus University	DK	CHORDS	Compositional Higher-Order Reasoning about Distributed Systems	PE6
BRICKMAN	Joshua Mark	Københavns Universitet	University of Copenhagen	DK	SENCE	Signaling decoded in ENhanCEr states – a molecular basis for plasticity in development and differentiation	LS3
EBBERSMEYER	Sabrina	Københavns Universitet	University of Copenhagen	DK	WHENCE	Women in the Nordic Enlightenment: Changing the narratives of early modern philosophy and uncovering women's contribution to Scandinavian gender equality	SH5
FOURNAIS	Soren	Aarhus Universitet	Aarhus University	DK	MathBEC	Mathematics of Bose-Einstein Condensation	PE1
HOEYER	Klaus	Københavns Universitet	University of Copenhagen	DK	DataSpace	Data Spaces: Making Sense of Health in an Age of Cross-Border Data Infrastructures	SH3
JAIN	Mayank	Danmarks Tekniske Universitet	Technical University of Denmark	DK	LUMIN	Illuminating Charge Transport in Feldspar to Measure Rates of Earth Surface Processes	PE10
MONTOYA	Guillermo	Københavns Universitet	University of Copenhagen	DK	INTETOOLS	Repurposing of CAST Systems as Next-Generation Tools for Genome Engineering of Mammalian Cells	LS9

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VLASSOPOULOS	Kostas	Idryma Technologias Kai Erevnas	Foundation for Research and Technology Hellas	EL	SLaVEgents	Enslaved Persons in the Making of Societies and Cultures in Western Eurasia and Africa, 1000 BCE - 300 CE	SH6
BISQUERT	Juan	Universitat Jaume I de Castellón	Jaume I University	ES	PeroSpiker	Perovskite Spiking Neurons for Intelligent Networks	PE8
CAPMANY FRANCOY	Jose	Universitat Politècnica de València	Polytechnic University of Valencia	ES	ANBIT	Analog Photonic Computation	PE7
FUENTE	Asunción	Centro Nacional de Información Geográfica	National Centre for Geographic Information	ES	SUL4LIFE	The trail of sulphur: from molecular clouds to life	PE9
GARGARELLA	Roberto	Universitat Pompeu Fabra	Pompeu Fabra University	ES	ICDD	Institutional Changes for Democratic Dialogue	SH2
GUTIERREZ	Carmen Julia	Universidad Complutense de Madrid	University Complutense Madrid	ES	RESOUND	Giving Voice to Hispanic Chant through a Phylogenetic Study of Medieval Plainchant	SH5
MARTINEZ-GONZALEZ	Miguel Angel	Universidad de Navarra	University of Navarra	ES	UNATI	A non-inferiority randomized trial testing an advice of moderate drinking pattern versus advice on abstention on major disease and mortality	LS7
MITCHELL	Morgan	Institut de Ciències Fotòniques	The Institute of Photonic Sciences	ES	Field-SEER	Field Sensors with Exceptional Energy Resolution	PE2
PALOMARES	Emilio	Institut Català d'Investigació Química	Catalan Institute of Chemical Research	ES	Excited	Engineering Excited States, Orbital Coupling and Quantum Coherence Phenomena in Photoelectrochemical Energy Conversion Devices	PE8
PASCUAL	Jose Ignacio	Centro de Investigación Cooperativa en Nanociencias - CIC nanoGUNE	CIC nanoGUNE	ES	CONSPIRA	Coherent control of spin chains in graphene nanostructures	PE4
ROCA-CUSACHS	Pere	Institut de Bioenginyeria de Catalunya	Institute for Bioengineering of Catalonia	ES	MechanoSynth	Engineering synthetic mechanotransduction through nucleocytoplasmic transport	LS3
RODRIGUEZ PLANAS	Nuria	Universitat de Barcelona	University of Barcelona	ES	WomEmpower	The Causal Effect of Motherhood, Gender Norms, and Cash Transfers to Women on Intimate Partner Violence	SH3

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ROSELL	Jordi	Institut Català de Paleoeologia Humana i Evolució Social	IPHES	ES	SCAVENGERS	Carnivores in human settlements: a new and different way to address the Middle Palaeolithic record	SH6
ROSSI	Barbara	Universitat Pompeu Fabra	Pompeu Fabra University	ES	TIMESERIESFOREC	Advances in Empirical Methods for Time Series and Forecasting in Unstable Environments	SH1
RUIZ-TRILLO	Ignacio	Universitat Pompeu Fabra	Pompeu Fabra University	ES	MISSINGRELATIVES	Search for the missing unicellular relatives of animals	LS8
TENA-SEMPERE	Manuel	Universidad de Cordoba	University of Cordoba	ES	DOPA-Kiss	Dissecting the Brain Basis of Obesity-Induced Pubertal Alterations: A View to a Kiss	LS4
VAN DEN BERGH	Jeroen	Universitat Autònoma de Barcelona	Autonomous University of Barcelona	ES	CLIMGROW	Climate Policy vs Economic Growth: Opinions, Models, and Novel Strategies	SH7
KARPPINEN	Maarit	Aalto-yliopisto	Aalto University	FI	UniEn-MLD	Unique ALD/MLD-Enabled Material Functions	PE11
LAINE	Anna-Liisa	Helsingin yliopisto	University of Helsinki	FI	Co-EvoChange	Coevolutionary Consequences of Biodiversity Change	LS8
LASSAS	Matti Juhani	Helsingin yliopisto	University of Helsinki	FI	PDE-INVERSE	Geometric Methods in Inverse Problems for Partial Differential Equations	PE1
TIMONEN	Virpi	Helsingin yliopisto	University of Helsinki	FI	LEGACIES	Material and environmental legacies in the 21st century: a theory of legacy-making between generations	SH3
ADAMO	Carlo	Ecole Nationale Supérieure de Chimie de Paris	Chimie Paris Tech - PSL	FR	MaMa	In-silico Models for the Design of Mechanochromic Functionalized Polymers	PE4
ANANTHARAMAN	Nalini	Université de Strasbourg	University of Strasbourg	FR	InSpeGMos	Integrating Spectral and Geometric data on Moduli Space	PE1
BAIGL	Damien	Ecole Normale Supérieure	ENS	FR	DREAM	DNA-encoded REconfigurable and Active Matter	PE5
BARDIOT	Clarisse	Université Rennes II	University Rennes II	FR	STAGE	STAGE: From Stage to Data, the Digital Turn of Contemporary Performing Arts Historiography	SH5

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BENDAHMANE	Abdelhafid	Institut national de recherche pour l'agriculture, l'alimentation et l'environnement	INRAE	FR	NectarGland	Improving flower attractiveness for pollinators: Study of developmental, morphological and chemical cues in relation to bee foraging	LS9
BONY	Sandrine	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	MAESTRO	Mesoscale organisation of tropical convection	PE10
BOURC'HIS	Deborah	Institut national de la santé et de la recherche médicale	National Institute of Health and Medical Research (INSERM)	FR	HOTIMAGE	HOst-Transposon Interactions in the MAle GERmline	LS2
BOURISSOU	Didier	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	Gold-Redox	Pushing Gold beyond its common redox states	PE5
BURQ	Nicolas	Université Paris-Saclay	University Paris-Saclay	FR	GEOEDP	Geometry, Control and Genericity for Partial Differential Equations	PE1
COUSSOT	Philippe	Université Gustave Eiffel	University Gustave Eiffel	FR	PHYSBIOMAT	From fiber to wall: PHYSical approach of hygrothermal transfers in BIO-based construction MATerials	PE8
DAVILLE	Anne	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	SOFT-PLANET	Convection and transfers in a textured partially-molten planet from the magma ocean stage to present-day solid-state convection	PE10
DEHAENE	Stanislas	Commissariat à l'énergie atomique et aux énergies alternatives	French Alternative Energies and Atomic Energy Commission (CEA)	FR	MathBrain	Brain mechanisms underlying mathematics and its acquisition	SH4
DOUZET	Frederick	Université Paris 8 Vincennes Saint-Denis	University Paris 8 Vincennes Saint-Denis	FR	DATAROUTES	Mapping Internet Routes for Geopolitics	SH2
FEVE	Gwendal	Sorbonne Université	Sorbonne University	FR	ASTEC	Anyon Statistics in Tiny Electronic Colliders	PE3
LALANNE	Philippe	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	UNSEEN	Nanostructure-Based Design of Visual Perception using High-Index Disordered Metasurface Physics	PE11
LAURAT	Julien	Sorbonne Université	Sorbonne University	FR	NanoAtom	Quantum Optical Physics with Neutral-Atom Waveguide-QED	PE2

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LENORMAND	Thomas	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	RegEvol	The evolution of cis and trans-regulators in eukaryotes	LS8
LEPETIT	Vincent	Ecole Nationale des Ponts et Chaussées	Ecole Nationale des Ponts et Chaussées	FR	explorer	Exploration of Unknown Environments for Digital Twins	PE6
MARRIS-MORINI	Delphine	Université Paris-Saclay	University Paris-Saclay	FR	Electrophot	Electro-optic frequency comb generation in the mid-infrared.	PE7
MAURY	Anaëlle	Commissariat à l'énergie atomique et aux énergies alternatives	French Alternative Energies and Atomic Energy Commission (CEA)	FR	PEBBLES	Exploring the pristine conditions for transforming interstellar dust into planetesimals	PE9
MITHIEUX	Gilles	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	IGN	Intestinal Gluconeogenesis: Emerging Regulator of Energy Homeostasis	LS4
MOREIRA	Manuel	Université d'Orléans	University of Orleans	FR	APATE	A Primitive solar Atmosphere around The young Earth?	PE10
POULIN	Philippe	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	Perla	Percolation and conductivity in fluids containing rod-like particles	PE3
POULIQUEN	Olivier	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	CohPa	Cohesion in Particulate media	PE3
POUTRIN	Isabelle	Université De Reims Champagne-Ardenne	University of Reims Champagne-Ardenne	FR	ROTAROM17	Delivering justice on a transnational scale in Europe. The Roman Rota and the enforcement of a legal culture of negotiation (c. 1560-1700).	SH6
RAMBLE	Charles	Ecole Pratique des Hautes Etudes (EPHE) - PSL	EPHE - PSL	FR	PaganTibet	Reconstructing the Pagan Religion of Tibet	SH5
SCHULLER	Thierry	Université Toulouse III Paul Sabatier	University Toulouse, Paul Sabatier	FR	SELECT-H	SafE and reliable COMbustion Technologies powered by Hydrogen	PE8
VANRULLEN	Rufin	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	GLoW	The Global Latent Workspace: towards AI models of flexible cognition	SH4
VERNOUX	Teva	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	TEMPO	How plant cells set the tempo of rhythmic shoot construction	LS3
VIGIER	Nathalie	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	SeaLi2Bio	Biological Isotopy of Lithium in Littoral Zones	PE10

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VIVIEN	Laurent	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	CRYPTONIT	Crystalline Oxides Platform for Hybrid Silicon Photonics	PE7
VYDRIN	Valentin	Institut national des langues et civilisations orientales	INALCO University	FR	THoT	Theory of Tone	SH4
DAWSON	Kenneth	University College Dublin	University College Dublin	IE	FunctionalNanoTher	Functional Nanoscale Therapeutics	LS7
OHLMEYER	Jane	Trinity College Dublin	Trinity College Dublin	IE	VOICES	Life and Death, War and Peace, c.1550-c.1700 Voices of Women in Early Modern Ireland	SH6
SCHIEK	Dagmar	University College Cork, National University of Ireland	University College Cork, National University of Ireland	IE	RIGHTS-TO-UNITE	Integration through rights in a European Society? A new theory on the role of law for integration within and beyond a fractured EU	SH2
APPLEBAUM	Benny	Tel Aviv University	Tel Aviv University	IL	NFITSC	New Frontiers in Information-Theoretic Secure Computation	PE6
BAR-OZ	Guy	University of Haifa	University of Haifa	IL	BOSTAN TREE	Bioarchaeology of Orchards and Sustainable Terroir in the Arid Near East – Trends in Ecology and Evolution	SH6
BOHAK	Gideon	Tel Aviv University	Tel Aviv University	IL	JLib	The Jewish Library in Late Antiquity: Forgotten Texts and Non-Rabbinic Jews	SH5
FASS	Deborah	Weizmann Institute of Science	Weizmann Institute of Science	IL	MOLECULAR MUCUS	Molecular Mechanisms for Construction of Protective Mucus Hydrogels	LS1
HADANY	Lilach	Tel Aviv University	Tel Aviv University	IL	PLANT BIOACOUSTICS	Plant bioacoustics: on the emission and reception of airborne sounds by plants, and their adaptive value.	LS8
HERZIG	Tamar	Tel Aviv University	Tel Aviv University	IL	FemSMed	Female Slavery in Mediterranean Catholic Europe, 1500-1800	SH6
ILANI	Shahal	Weizmann Institute of Science	Weizmann Institute of Science	IL	QTM	The Quantum Twisting Microscope - revolutionizing quantum matter imaging	PE3
LEVI-FAUR	David	The Hebrew University of Jerusalem	The Hebrew University of Jerusalem	IL	RegTrust	Intermediation and Trust in the Regulatory State: More Regulation, Less Trust?	SH2

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ORON	Dan	Weizmann Institute of Science	Weizmann Institute of Science	IL	BoX-BOOM	Biomimetic eXtremely-Birefringent Organic Optical Materials and devices	PE11
ROTHSCHILD	Avner	Technion - Israel Institute of Technology	Technion - Israel Institute of Technology	IL	H2Bro	Continuous electrolytic-catalytic decoupled water electrolysis for green hydrogen production	PE11
SAMUELS	Yardena	Weizmann Institute of Science	Weizmann Institute of Science	IL	Mel-Immune	An integrative genetic approach for the exploration of melanoma immunological interactions	LS4
SHARON	Michal	Weizmann Institute of Science	Weizmann Institute of Science	IL	SystemDirectMS	A Native Mass Spectrometry Systemic View of Cellular Structural Biology	PE4
SLUTSKY	Inna	Tel Aviv University	Tel Aviv University	IL	DormantAD	The Silent Phase of Alzheimer's Disease: From Brain States to Homeostatic Failures	LS5
SPIEGLER	Ran	Tel Aviv University	Tel Aviv University	IL	STINMALE	Strategic Interactions with Machine-Learning Algorithms: The Role of Simple Beliefs	SH1
YARDEN	Yosef	Weizmann Institute of Science	Weizmann Institute of Science	IL	ResistSOS	Overcoming Resistance to Anti-cancer Drugs by Blocking Mutation-prone DNA Polymerases and the SOS Response	LS7
ZELDOV	Eli	Weizmann Institute of Science	Weizmann Institute of Science	IL	MoireMultiProbe	Scanning multi-modality microscopy of moiré quantum matter	PE3
AURICCHIO	Alberto	Fondazione Telethon	Fondazione Telethon	IT	EXPEDITE	EXPanding AAV gene therapy by EDITing	LS7
BALLABIO	Andrea	Fondazione Telethon	Fondazione Telethon	IT	INCANTAR	Targeting Inherited Cancer Syndromes	LS4
BERTO	Filippo	Università degli Studi di Trento	University of Trento	IT	ButterFly	Data-Driven Bioinspired Design of Fatigue Super-Resistant Structures: learning by Nature and Flying into the future	PE8
CALVANO	Emilio	Università degli Studi di Roma "Tor Vergata"	University of Rome "Tor Vergata"	IT	AI-Comp	Artificial Intelligence and Competition	SH1

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CARAMANI	Daniele	European University Institute	European University Institute	IT	GLOBAL	Global Cleavages: The Shape of Political Conflict across World Regions in Historical Perspective	SH2
CASTIELLO	Umberto	Università degli Studi di Padova	University of Padua	IT	ROOMors	At the 'roots' of motor intentions	SH4
CHERGUI	Majed	Elettra Sincrotrone Trieste	Elettra Sincrotrone Trieste	IT	CHIRAX	X-ray spectroscopy of molecular chirality in solutions	PE4
GENNAIOLI	Nicola	Università Commerciale 'Luigi Bocconi'	Bocconi University	IT	MemDec	Memory, Beliefs, and Economic Decisions	SH1
MANNA	Liberato	Fondazione Istituto Italiano di Tecnologia	Italian Institute of Technology	IT	NEHA	Nanoscale Epitaxial Heterostructures Involving Metal Halides	PE5
MATTEVI	Andrea	Università degli Studi di Pavia	University of Pavia	IT	MetaQ	When enzymes join forces: unmasking a mitochondrial biosynthetic engine	LS1
MORBIDELLI	Massimo	Politecnico di Milano	Polytechnic of Milan	IT	CoDiBio	Continuous Digitalized Processes for Producing Biopharmaceuticals	PE8
NEEMAN	Amnon	Università degli Studi di Milano	University of Milan	IT	TriCatApp	Triangulated categories and their applications, chiefly to algebraic geometry	PE1
PICCOLO	Stefano	Università degli Studi di Padova	University of Padua	IT	CHARTAGING	Charting the Token of Time: Yap/Taz Transcriptional Regulators at the Roots of Aging	LS4
RAPPUOLI	Rino	Fondazione Toscana Life Sciences	Toscana Life Sciences, Siena	IT	PROACTIVE	PROposing Action to ConTrol and Impede betacoronavirus Emergencies	LS7
BACCIAGALUPPI	Guido	Universiteit Utrecht	Utrecht University	NL	BOHR21	Niels Bohr for the 21st Century	SH4
BRUNSVELD	Luc	Technische Universiteit Eindhoven	Eindhoven University of Technology	NL	PPI-Glue	Stabilization of Protein Protein Interactions; transforming molecular glue discovery from art into science	PE5
BRYANT	Rebecca	Universiteit Utrecht	Utrecht University	NL	INFRAEMPIRE	Infrastructural Imperialism: Global 'Big Brothers' and Geopolitical Futures	SH2
DE KLOET	Jeroen	Universiteit van Amsterdam	University of Amsterdam	NL	RESCUE	Resilient Cultures – Music, Art, and Cinema in Mainland China and Hong Kong	SH5

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DE VRIES	Elga	VU Medisch Centrum	VU Medical Centre Amsterdam	NL	BRAIN	Bioactive lipids Regulate Adaptive Immune responses in Neurodegeneration: novel target for treatment?	LS5
DOEMLING	Alexander	Rijksuniversiteit Groningen	University of Groningen	NL	AMADEUS	Automated, miniaturized and accelerated drug discovery	PE8
FRATERNALI	Filippo	Rijksuniversiteit Groningen	University of Groningen	NL	FLAWS	Gas flows in and out of galaxies: solving the cosmic baryon cycle	PE9
HESSELS	Jason	Nederlandse Wetenschappelijk Onderzoek Instituten	Dutch Scientific Research Institutes (NWO-I)	NL	EuroFlash	EuroFlash: exploring the origins of fast radio bursts using a network of European radio telescopes	PE9
JONKER	Peter	Radboud Universiteit	Radboud University	NL	Starstruck	A double-edged sword: extra-galactic Fast X-ray Transients	PE9
KLAVER	Caroline	Erasmus Universitair Medisch Centrum Rotterdam	Erasmus Medical Center Rotterdam	NL	CONTROL-MYOPIA	Myopia control in the real world: treatments, target, timing, and terminus	LS7
LOHSE	Detlef	Universiteit Twente	University of Twente	NL	MultiMelt	Melting and dissolution across scales in multicomponent systems	PE8
MANSVELDER	Huibert	Vrije Universiteit Amsterdam	VU Amsterdam	NL	FASTHUMANNEURON	A novel theory of human cortical microcircuit function: Dedicated neuronal networks for fast cellular and synaptic computation	LS5
NOPPENY	Uta	Radboud Universiteit	Radboud University Nijmegen	NL	MakingSense	Making sense of the senses: Causal Inference in a complex dynamic multisensory world	SH4
PASSIER	Robert	Universiteit Twente	University of Twente	NL	HEART2BEAT	Advanced human models of the heart to understand cardiovascular disease	LS7
HOCK	Regine	Universitetet i Oslo	University of Oslo	NO	GLACMASS	Past and Future High-resolution Global Glacier Mass Changes	PE10
SÆTHER	Bernt-Erik	Norges teknisk-naturvitenskapelige universitet Trondheim	Norwegian University of Science and Technology Trondheim	NO	EcoEvoRescue	Eco-Evolutionary Rescue of Fragmented Populations	LS8
DZIEMBOWSKI	Andrzej	Międzynarodowy Instytut Biologii Molekularnej i Komórkowej	International Institute of Molecular and Cell Biology	PL	ViveRNA	Principles of endogenous and therapeutic mRNA turnover in vivo	LS2

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GRYKO	Daniel	Instytut Chemii Organicznej Polskiej Akademii Nauk	Institute of Organic Chemistry - Polish Academy of Sciences	PL	ARCHIMEDES	Approaching 20% emission efficiency in the NIR-II region with radical chromophores	PE5
GORDO	Isabel	Fundação Calouste Gulbenkian	Calouste Gulbenkian Foundation	PT	EvolnHi	Evolution in the Gut in Health and Disease	LS8
MOTA	Maria Manuel	Instituto de Medicina Molecular	Institute of Molecular Medicine, Lisbon	PT	PASSAGE	Plasmodium liver stage schizogony: high replication and genetic diversity	LS3
PINHO	Mariana	Universidade NOVA de Lisboa	NOVA University of Lisbon	PT	MissingLinks	Finding the missing links in the bacterial cell cycle	LS6
VEIGA FERNANDES	Henrique	Fundação Champalimaud	Champalimaud Foundation	PT	NeurImmKisses	Architecture of Peripheral Neuroimmune Circuits and Synapses	LS6
MARTON	Silvia	Fundatia Noua Europa	New Europe College Institute of Advanced Study	RO	TransCorr	Transnational histories of 'corruption' in Central-South-East Europe (1750-1850)	SH6
BACKHED	Fredrik	Göteborgs universitet	University of Gothenburg	SE	IMPACT	Imidazole propionate and fibrosis in cardiometabolic diseases	LS4
CASTELO-BRANCO	Gonçalo	Karolinska Institutet	Karolinska Institute	SE	SingleMS	Unveiling the functional outcome of single nucleotide polymorphisms and variants in oligodendroglia in multiple sclerosis	LS7
DEINDL	Sebastian	Uppsala Universitet	Uppsala University	SE	DONUTS	Dependence Of NUCleosome Transactions on Sequence	LS1
ERIKSSON	Maria	Karolinska Institutet	Karolinska Institute	SE	SOMATICART	Somatic mutations in vascular-wall function and age-associated disease	LS4
HANSSON	Oskar	Lunds universitet	Lund University	SE	ADVANCE-AD	Novel biomarkers for improving diagnostics, prognostics, and treatments of Alzheimer's disease	LS7
HARRIS	Ashleigh	Uppsala Universitet	Uppsala University	SE	ALMEDA	African Literary Metadata	SH5
HJALMARSSON	Randi	Göteborgs universitet	University of Gothenburg	SE	POLICE-PRISONS-FIRMS	Breaking the Inequality-Crime Cycle: Biases in Police Decisions, 'What Works' in Prison, and Firm Demand for Workers with Criminal Records	SH1

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HÖGBERG	Björn	Karolinska Institutet	Karolinska Institute	SE	qScope	The sequencing microscope - a path to look at the molecules of biology	LS9
LINSE	Sara	Lunds universitet	Lund University	SE	CHAPLIN	Chaperone action - a thermodynamic view	PE4
OLSSON	Lennart	Lunds universitet	Lund University	SE	PERENNIAL	Is there a PERENNIAL future of agriculture?	SH7
SCHLUETER	Maja	Stockholms universitet	Stockholm University	SE	TRANSMOD	Building models of, with and for sustainability transformations	SH7
SVENSSON	Jakob	Stockholms universitet	Stockholm University	SE	MISSINGMARKETS	It's (also) what you produce: Experimental Evidence on Creating Markets for Quality in Low-income Countries	SH1
TALLBERG	Jonas	Stockholms universitet	Stockholm University	SE	DEMCOOP	Democracy, Autocracy, and International Cooperation	SH2
MENCEJ	Mirjam	Univerza v Ljubljani	University of Ljubljana	SI	DEAGENCY	The roles of the agency of the dead in the lives of individuals in contemporary society	SH3
AGGARWAL	Varinder	University of Bristol	University of Bristol	UK	COOLIES	Conformation, Automation and Applications of Polyborons in Synthesis	PE5
BILL	Roslyn	Aston University	Aston University	UK	FORTIFY	From Molecular Physiology to Biophysics of the Glymphatic System: a Regulatory Role for Aquaporin-4	LS1
BROCKDORFF	Neil	University of Oxford	University of Oxford	UK	INTACTRNA	Integrated analysis of cis-acting translocated RNAs	LS2
CANGELOSI	Angelo	University of Manchester	University of Manchester	UK	eTALK	Embodied Thought for Abstract Language Knowledge	SH4
CHEN	Yin	University of Warwick	University of Warwick	UK	EcoMethane	An integrated ecophysiology and omics study of phosphorus limitation in methane-oxidising bacteria (EcoMethane)	LS8
COULSON	Tim	University of Oxford	University of Oxford	UK	Biotic Change	Why do some types of biotic change produce predictable ecological, evolutionary and life history strategy change	LS8
DAVIS	Anthony	University of Bristol	University of Bristol	UK	POSTGLUHUT	After GluHUT – A New Era for Synthetic Carbohydrate Receptors	PE5

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DOEPKE	Matthias	London School of Economics and Political Science	London School of Economics and Political Science	UK	FamilyMacro	Family Decisions and Macroeconomic Outcomes	SH1
EATON	Philip Eaton	Queen Mary University of London	Queen Mary University of London	UK	BeyondSNO	Signalling beyond protein S-nitrosylation – determining the roles of nitroxyl and hydroxylamine	LS4
FACCIO	Daniele	University of Glasgow	University of Glasgow	UK	BioBosons	Boson Sampling and Quantum Imaging for Complex Biological Systems	PE7
FAVELL	Adrian	University of Leeds	University of Leeds	UK	MIGMOBS	The Orders and Borders of Global Inequality: Migration and Mobilities in Late Capitalism	SH3
FRANGI	Alex	University of Leeds	University of Leeds	UK	INSILICO	Hybrid Machine Learning for Virtual Chimaeras and In-Silico Trials: Cardiovascular Device Innovation & Regulatory Science	PE6
GERARDOT	Brian	Heriot-Watt University	Heriot-Watt University	UK	2D-Gecko	Gecko inspired autonomous fabrication of programmable two-dimensional quantum materials	PE11
GIZELIS	Theodora-Ismene	University of Essex	University of Essex	UK	Dividends	Peacekeeping Dividends and Post-conflict Development	SH2
HANSEN	D Flemming	University College London	University College London	UK	DeepNMR	Unleashing the full potential of NMR spectroscopy with artificial intelligence and deep learning	PE4
HARRIS	Kenneth	University College London	University College London	UK	TRANSCORTEX	Computations of transcriptomic neuron types in cortex	LS5
HARRIS	Rachel	School of Oriental and African Studies, University of London	School of Oriental and African Studies, University of London	UK	MAQAM	Maqām Beyond Nation	SH5
HINTZE	Almut	School of Oriental and African Studies, University of London	School of Oriental and African Studies, University of London	UK	AVINDIA	Avestan Ritual in India	SH5
HO	Peter	University of Nottingham	University of Nottingham	UK	China-4E	China-4E: Eviction, Ethnicity, Environment and Economy	SH7
KORHONEN	Anna	University of Cambridge	University of Cambridge	UK	EQUATE	Towards Globally Equitable Language Technologies	PE6

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LAMB	Sallie	University of Exeter	University of Exeter	UK	STEPPING OUT	STEPPING OUT: Understanding the ground truth and mechanisms of falls and balance instability in community dwelling older people.	LS7
LOIZIDES	Neophytos	University of Kent	University of Kent	UK	PEACERETURN	The Peaceful Return of Victims of Forced Displacement	SH2
MACLEAN	Craig	University of Oxford	University of Oxford	UK	EEDARP	Ecological and Evolutionary Drivers of Antibiotic Resistance in Patients	LS8
MIGUEL-ALIAGA	Irene	Imperial College of Science, Technology and Medicine	Imperial College of Science, Technology and Medicine	UK	GutOrigami	The Geometry of Inter-Organ Communication	LS3
MURRAY-SMITH	Roderick	University of Glasgow	University of Glasgow	UK	DIFAI	Designing Interaction Freedom via Active Inference	PE6
NEWY	Katherine	University of Exeter	University of Exeter	UK	WOMENTHEATRENET	Women's Transnational Theatre Networks, 1789-1914	SH5
NICKL	Richard	University of Cambridge	University of Cambridge	UK	SANIP	Statistical aspects of non-linear inverse problems	PE1
ROBINSON	Carol	University of Oxford	University of Oxford	UK	IMPLEMENT	Integral Membrane Proteins and Lipids Ejected from the Membranes of Native Tissues	LS1
SCHÖNBAUMSFELD	Genia	University of Southampton	University of Southampton	UK	Ethics of Doubt	The Ethics of Doubt - Kierkegaard, Scepticism and Conspiracy Theory	SH5
SEWELL	Peter	University of Cambridge	University of Cambridge	UK	SAFER	Secure Foundations: Verified Systems Software Above Full-Scale Integrated Semantics	PE6
SIVASUNDARAM	Sujit	University of Cambridge	University of Cambridge	UK	COLOMBO-GLOBAL SOUTH	Colombo: Layered Histories in the Global South City	SH6
SOUTOGLOU	Evi	University of Sussex	University of Sussex	UK	ChromoSENSOR	The shielding role of the nuclear periphery against the genetic and non-genetic consequences of DNA damage	LS1
STEVENS	Molly	Imperial College of Science, Technology and Medicine	Imperial College of Science, Technology and Medicine	UK	bioSense	Bioinspired Multiplexed Ultrasensitive Biosensing	PE11

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TEICHMANN	Sarah	Genome Research Limited	Genome Research Limited	UK	ThyDESIGN	Learning from the thymic human cell atlas for T cell engineering	LS2
WOODS	Michael	Aberystwyth University	Aberystwyth University	UK	RuralSpatialJustice	Rural Discontent, Spatial Justice and Disruptive Politics in the Twenty-First Century	SH7