ERC Starting Grants 2022: List of Principal Investigators selected for funding

Physical Sciences and Engineering domain

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
BRAMERDORFER	Gerd	Universität Linz	University of Linz	AT	CHARMAELEON	Electric Machines with Inherent Speed-Dependent Characteristics for More Sustainable and Efficient Energy Conversion	PE8
GRUß	Daniel	Technische Universität Graz	Graz University of Technology	AT	FSSec	Foundations for Sustainable Security	PE6
KWAN	Matthew	Institute of Science and Technology Austria	Institute of Science and Technology Austria	AT	RANDSTRUCT	Randomness and structure in combinatorics	PE1
MATKOVIC	Aleksandar	University of Leoben	Montanuniversität Leoben	AT	POL_2D_PHYSICS	Polarized 2D Materials Inspired by Naturally Occurring Phyllosilicates	PE3
MODIC	Kimberly	Institute of Science and Technology Austria	Institute of Science and Technology Austria	AT	TROPIC	Gaining leverage with spin liquids and superconductors	PE3
OSSIANDER	Marcus	Technische Universität Graz	Graz University of Technology	AT	EUVORAM	Extreme-Ultraviolet Meta-Optics for Attosecond Microscopy	PE2
PREHAL	Christian	Paris-Lodron-Universität Salzburg	University of Salzburg	AT	SOLIDCON	Systems Materials Engineering for High-Rate Bulk Solid-State Conversion in Metal-Sulfur Batteries	PE11
BULTINCK	Nick	Universiteit Gent	Ghent University	BE	SIESS	Strongly interacting electrons in synthetic superlattices	PE3
DUERINCKX	Mitia	Université Libre de Bruxelles	Free University of Brussels (ULB)	BE	PASTIS	Scaling limits of particle systems and microstructural disorder	PE1
GEIREGAT	Pieter	Universiteit Gent	Ghent University	BE	NOMISS	Nanomaterials for Infrared Silicon Photonics	PE4
GORISSEN	Benjamin	Katholieke Universiteit Leuven	University of Leuven	BE	ILUMIS	Interactive Fluidic State Machines for Soft Robotics	PE8
VAN COILE	Ruben	Universiteit Gent	Ghent University	BE	AFireTest	Adaptive Fire Testing: A new foundation stone for fire safety	PE8
VAN GASSE	Kasper	Universiteit Gent	Ghent University	BE	LASIQ	Photonic Laser Integration for Metrology and Quantum Systems	PE7
YANG	Xing	Katholieke Universiteit Leuven	University of Leuven	BE	IonFracMem	Enabling Targeted Fractionation of Ions via Facilitated Transport Membranes	PE8

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JOKINEN	Tuija	The Cyprus Institute	The Cyprus Institute	CY	BAE	The role of Base molecules in AErosol formation	PE10
CARSON	Erin Claire	Univerzita Karlova V Praze	Charles University of Prague	CZ	inEXASCALE	Analyzing and Exploiting Inexactness in Exascale Matrix Computations	PE6
ANANTHA MURTHY	Puneet	Universität Konstanz	University of Constance	DE	PhoQMat	A Quantum Many-Body Photonics Platform	PE2
ANGGARA	Kelvin	Max-Planck-Institut für Festkörperforschung	Max Planck Institute for Solid State Research	DE	GlycoX	Imaging Single Glycoconjugates	PE4
BARHAM	Joshua	Universität Regensburg	University of Regensburg	DE	HELIOS	Hybrid Electrochemically-paired Light Irradiated Organic Synthesis	PE5
BHATOTIA	Pramod	Technische Universität München	Technical University of Munich	DE	DOS	A Decentralized Operating System	PE6
BRUDER	Lukas	Albert-Ludwigs-Universität Freiburg	Albert-Ludwigs-University Freiburg	DE	MULTIPLEX	Multidimensional interferometric photoelectron spectroscopy with extreme ultraviolet photons	PE4
DELBIANCO	Martina	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	Max Planck Society	DE	GLYCOFOLD	Glycan foldamers: designing oligosaccharides to build three-dimensional architectures	PE5
DIETRICH	Tim	Universität Potsdam	University of Postdam	DE	SMArt	From Subatomic to Cosmic Scales: Simulating, Modelling, Analysing Binary Neutron Star Mergers	PE9
DORNHEIM	Tobias	Helmholtz-Zentrum Dresden-Rossendorf e.V.	Helmholtz-Zentrum Dresden-Rossendorf	DE	PREXTREME	Predicting the Extreme	PE2
DUARTE CAMPOS	Daniela	Ruprecht-Karls-Universität Heidelberg	University of Heidelberg	DE	LIGHTHEART	Surgical optogenetic bioprinting of engineered cardiac muscle	PE11
ECKART	Sebastian	Johann Wolfgang Goethe Universität Frankfurt am Main	Goethe University Frankfurt am Main	DE	3DTunneling	Tunnel ionization in three-dimensional tailored light fields	PE2
EICHHORN	Johanna	Technische Universität München	Technical University of Munich	DE	DynNano	Understanding Dynamic Processes at Nanoscale Working Interfaces for Solar Energy Conversion	PE4

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FANG	Xufei	Technische Universität Darmstadt	Technical University of Darmstadt	DE	MECERDIS	Mechanics-tailored Functional Ceramics via Dislocations	PE11
FEIGE	Jenny	Museum für Naturkunde - Leibniz-Institut für Evolutions- und Biodiversitatsforschung an der Humboldt-Universität zu Berlin	The Museum for Natural Science – Leibniz Institute for Evolution and Biodiversity Science	DE	NoSHADE	Novel perspectives on our Solar System History recorded in the Atacama DEsert	PE9
GARDAM	Giles	Westfälische Wilhelms-Universität Münster	University of Munster	DE	SATURN	Satisfiability and group rings	PE1
GHANI	Abdulla	Technische Universität Berlin	Technical University of Berlin	DE	TACOS	Taming Combustion Instabilities by Design Principles	PE8
GKATZELIS	Georgios	Forschungszentrum Jülich GmbH	Jülich Research Centre	DE	CHANEL	Household Chemicals Amplifying Urban Aerosol Pollution	PE10
GÖPFRICH	Kerstin	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	Max Planck Society	DE	ENSYNC	From engineering to evolution of synthetic cells with RNA origami	PE3
HAASE	Christian	Rheinisch-Westfälische Technische Hochschule Aachen	RWTH Aachen University	DE	HeteroGenius4D	Heterogeneities-guided alloy design by and for 4D printing	PE11
HADLINGTON	Terrance John	Technische Universität München	Technical University of Munich	DE	SINGAMBI	The Single-Centre Ambiphile ligand Concept: Cooperative Systems for Waste-free Catalysis	PE5
HANSMANN	Max M.	Technische Universität Dortmund	Technical University of Dortmund	DE	CC-CHARGED	Strongly Polarized Carbon: Taming Fundamental Intermediates and Their Applications	PE5
HAUCK	Judith	Alfred-Wegener-Institut Helmholtz-Zentrum für Polar- und Meeresforschung	Alfred Wegener Institute for Polar and Marine Research	DE	OceanPeak	The global ocean carbon cycle after peak emissions: Dynamics and process attribution in a seamless model framework from coastal shelves to the open ocean	PE10

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KLEINDIENST	Sara	Eberhard Karls Universität Tübingen	University of Tübingen	DE	MICROSURF	Microbial performance impacted by surfactants from glyphosate application	PE10
KRECKEL	Kathryn	Ruprecht-Karls-Universität Heidelberg	University of Heidelberg	DE	ISM-METALS	Tracking galaxy evolution with precise and accurate metal abundances in the interstellar medium	PE9
KUPFER	Thomas	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	Max Planck Society	DE	CompactBINARIES	Compact binaries as strong gravitational wave sources and progenitors of type Ia supernovae	PE9
LIEBEL	Matz	Universität Hamburg	University of Hamburg	DE	PIRO	Phototransient InfraRed Holography (PIRO)	PE4
MANTELLI	Elisa	Alfred-Wegener-Institut Helmholtz-Zentrum für Polar- und Meeresforschung	Alfred Wegener Institute for Polar and Marine Research	DE	PHAST	A physics-based study of ice stream dynamics	PE10
MARTINEZ-GARZON	Patricia	Helmholtz-Zentrum Potsdam Deutsches GeoForschungsZentrum	Helmholtz Centre Potsdam German Research Centre for Geosciences	DE	QUAKEHUNTER	Real-time monitoring of earthquake nucleation for faults near urban areas	PE10
OENER	Sebastian	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	Max Planck Society	DE	ORION	Operando Interfacial Ionics	PE4
PAGE	Ben	Rheinisch-Westfälische Technische Hochschule Aachen	RWTH Aachen University	DE	MultiScaleAmp	Multi-Scale Amplitudes For Collider Physics	PE2
QUINTING	Julian	Karlsruher Institut für Technologie	Karlsruhe Institute of Technology	DE	ASPIRE	Advancing Subseasonal PredIctions at Reduced computational Effort	PE10
RAMACHANDRAMOORTHY	Rajaprakash	Max-Planck-Institut für Eisenforschung GmbH	Max Planck Institute for Iron Research	DE	AMMicro	Additive Micromanufacturing: Multimetal Multiphase Functional Architectures	PE11
'T HART	Peter	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	Max Planck Society	DE	PRIGLUE	Protein-RNA interaction stabilization using molecular glues	PE5

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TRABATTONI	Andrea	Stiftung Deutsches Elektronen-Synchrotron	DESY	DE	SoftMeter	Multi-messenger soft-field spectroscopy of molecular electronics at interfaces	PE2
VENKATRAMAN KRISHNAN	Vivek	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	Max Planck Society	DE	COMPACT	Understanding gravity using a COMprehensive search for fast-spinning Pulsars And CompacT binaries	PE9
VILLANO	Michelangelo	Deutsches Zentrum für Luft - und Raumfahrt (DLR)	The German Aerospace Center (DLR)	DE	DRITUCS	Distributed Radar Interferometry and Tomography Using Clusters of Smallsats	PE10
VOOL	Uri	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	Max Planck Society	DE	cQEDscope	Circuit Quantum Electrodynamic Spectroscope: a new superconducting microwave quantum sensor	PE3
WANG	Daqing	Universität Kassel	University of Kassel	DE	MSpin	Molecular Spins for Quantum Technology	PE2
ZAVADLAV	Julija	Technische Universität München	Technical University of Munich	DE	SupraModel	Peptide-based Supramolecular Co-assembly Design: Multiscale Machine Learning Modeling Approach	PE11
ZETZSCHE	Georg	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	Max Planck Society	DE	FINABIS	Finite-state abstractions of infinite-state systems	PE6
AUGENSTEIN	Isabelle	Københavns Universitet	University of Copenhagen	DK	ExplainYourself	Explainable and Robust Automatic Fact Checking	PE6
CURTICAPEAN	Radu-Cristian	IT-Universitet i København	IT University of Copenhagen	DK	CountHom	Counting (with) homomorphisms	PE6
JAVADI	Alisa	Københavns Universitet	University of Copenhagen	DK	PQART	Photonic Quantum Technologies with Strain-Free Artificial Atoms	PE3
KJAERGAARD	Morten	Københavns Universitet	University of Copenhagen	DK	NovaDePro	Novel Approaches to Error Detection and Protection with Superconducting Qubits	PE3
MANCINSKA	Laura	Københavns Universitet	University of Copenhagen	DK	QInteract	Quantum Information Processing with Interacting Parties	PE6

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MUNKHBAT	Battulga	Danmarks Tekniske Universitet	Technical University of Denmark	DK	TuneTMD	Tunable Nanoengineered Transition Metal Dichalcogenides for Quantum Nanophotonics	PE7
FOURNODAVLOS	Grigorios	University of Crete	University of Crete	EL	SINGinGR	Singularities in General Relativity	PE1
CHIODO	Gabriel	Agencia Estatal Consejo Superior de Investigaciones Científicas	Spanish National Research Council (CSIC)	ES	SOCLIM	Stratospheric cOmposition in a changing CLIMate: drivers and mechanisms	PE10
GARCIA AGUILAR	Jose Hugo	Institut Català de Nanotecnologia	Catalan Institute of Nanotechnology	ES	AI4SPIN	Artificial Intelligence–Driven Materials Design for Spintronic Applications	PE11
GARCIA DE ARQUER	Francisco Pelayo	Institut de Ciències Fotòniques	Institute of Photonic Sciences	ES	NASCENT	Nanoscale Advance of CO2 Electroreduction	PE11
HASSAN	Tarek	Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas	CEIMAT	ES	MicroStars	Extreme time and angular resolution in the optical with Cherenkov telescopes	PE9
LIMBURG	Bart	Universitat de Barcelona	University of Barcelona	ES	SYNAPS	Synthetic Neurons and Artificial Photoactivated Synapses	PE5
MARIN BENITO	Carla	Universitat de Barcelona	University of Barcelona	ES	CLIMB	Challenging the Standard Model with suppressed b to d l+l- decays	PE2
PASTOR HERNANDEZ	Ernest	Universitat Jaume I de Castellón	Jaume I University	ES	PhotoDefect	Tailoring lattice oxygen and photo-induced polarons to control reaction mechanisms and boost catalytic activity	PE4
VILLA	Katherine	Institut Català d'Investigació Química	Catalan Institute of Chemical Research	ES	PhotoSwim	Engineering of Photo-rechargeable Nanoswimmers using Multicomponent Heterojunctions	PE11
SAND	Andrea	Aalto-yliopisto	Aalto University	FI	MUST	Comprehensive multiscale modelling of atomistic and electronic structure of radiation-induced defects in semiconductors	PE11
XU	Minghui	Aalto-yliopisto	Aalto University	FI	Astrogeodesy	Astrogeodesy by VLBI Global Observing System	PE10

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ZENG	Hao	Tampereen Korkeakoulusaatio Sr	Tampere University	FI	ONLINE	From light fueled self-oscillators to light communicating material networks	PE11
ACHILLEOS	Vassos	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	NASA	Manipulating nonlinear sound waves using non-Hermiticity and active control. Nonlinear and Active Sound Absorption	PE11
AUBRY	Mathieu	Ecole Nationale des Ponts et Chaussées	Ecole Nationale des Ponts et Chaussées	FR	DISCOVER	Discovering and Analyzing Visual Structures	PE6
BEAULIEU	Samuel	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	UTOPIQ	Ultrafast topological engineering of quantum materials	PE3
BELAID	Sonia	CryptoExperts SAS	CryptoExperts SAS	FR	AMAskZONE	Generation and Verification of Masking Countermeasures Against Side-Channel Attacks	PE6
CADIZ	Fabian	Ecole polytechnique	Ecole Polytechnique	FR	OneSPIN	Atomic scale coherent manipulation of the electron spin in semiconductors	PE3
GRAZON	Chloe	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	COMET	On-demand COMmunication between fluorescent organic nanoparticles through Energy Transfer	PE4
KLEPIKOVA	Maria	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	CONCRETER	Groundwater flow CONtrols on CRitical zonE ThErmal Regime	PE10
LEBLANC	Adrien	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	EXAFIELD	Experimental signatures of quantum electrodynamics in the strong field regime	PE2
MALAK	Derya	EURECOM	EURECOM	FR	SENSIBILITE	Computing Nonlinear Functions over Communication Networks	PE7
MARKOVIC	Danijela	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	qDynnet	Quantum dynamical neural networks	PE3
MARROUX	Hugo	Commissariat à l'énergie atomique et aux énergies alternatives	French Alternative Energies and Atomic Energy Commission (CEA)	FR	SATTOC	Solution attosecond chemistry	PE4

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NATAF	Guillaume	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	DYNAMHEAT	Ferroic Materials for Dynamic Heat Flow Control	PE3
PEZZOTTI	Simone	Ecole Normale Superieure	ENS	FR	ELECTROPHOBIC	HydroPHOBIC solvation at ELECTROchemical interfaces	PE4
POULIN	Vivian	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	NewRecords	New crisis and old mysteries: Resolving cosmic tensions to reveal the dark sector	PE9
RADCHENKO	Danylo	Centre National de la Recherche Scientifique (CNRS)	National Center for Scientific Research (CNRS)	FR	FourIntExP	Fourier Interpolation and Extremal Problems	PE1
RUESS	Jakob	Institut National de Recherche en Informatique et en Automatique	National Institute for Research in Computer Science and Automatic Control (INRIA)	FR	BridgingScales	From single cells to microbial consortia: bridging the gaps between synthetic circuit design and emerging dynamics of heterogeneous populations	PE7
ZIMMERMANN	Susanna	Université d'Angers	University of Angers	FR	Saphidir	SArisov Program in HIgher Dimension, over Imperfect fields and for birRegulous maps	PE1
ZOLOTAROVA	Anastasiia	Commissariat à l'énergie atomique et aux énergies alternatives	French Alternative Energies and Atomic Energy Commission (CEA)	FR	TINY	Two Isotopes for Neutrinoless double beta decaY search	PE2
NAGY	Péter	Budapesti Műszaki és Gazdaságtudományi Egyetem	Budapest University of Technology and Economics	HU	aCCuracy	Turning gold standard quantum chemistry into a routine simulation tool: predictive properties for large molecular systems	PE4
DALY	Andrew	University of Galway	University of Galway	IE	morphoPRINT	4D bioprinting shape-morphing tissues using phototunable supramolecular hydrogels	PE11
DELANEY	Colm	Trinity College Dublin	Trinity College Dublin	IE	BIO4D	Bioinspired composite architectures for responsive 4 dimensional photonics	PE11
ABBOUD	Amir	Weizmann Institute of Science	Weizmann Institute of Science	IL	CONJEXITY	Investigating the Conjectures of Fine-Grained Complexity	PE6
AMIR	Ofra	Technion - Israel Institute of Technology	Technion - Israel Institute of Technology	IL	CONVEY	Conveying Agent Behavior to People: A User-Centered Approach to Explainable AI	PE6

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ASHKENAZI	Adi	Tel Aviv University	Tel Aviv University	IL	NeutrinoNucleai	Exploring Nuclear Aspects of Neutrino Interactions in Neutrino Oscillation Experiments	PE2
EPSTEIN	Itai	Tel Aviv University	Tel Aviv University	IL	TOP-BLG	Tunable terahertz OPtoelectronics based on gapped BiLayer Graphene	PE7
HARTMAN	Yair	Ben-Gurion University of the Negev	Ben-Gurion University of the Negev	IL	BoundaryTheory	Random Walks on Groups, Commutative and Non-commutative Dynamics	PE1
KOREN	Tomer	Tel Aviv University	Tel Aviv University	IL	OPTGEN	Optimizing for Generalization in Machine Learning	PE6
RAVEH-RUBIN	Shira	Weizmann Institute of Science	Weizmann Institute of Science	IL	ExTrA	Extratropical-Tropical interAction: A unified view on the extratropical impact on the subtropics and tropics at weather timescales	PE10
RON-ZEWI	Noga	University of Haifa	University of Haifa	IL	ECCC	Error-correcting Codes and Computation	PE6
SHNIDMAN	Ari	The Hebrew University of Jerusalem	The Hebrew University of Jerusalem	IL	CurveArithmetic	Arithmetic of Curves and Jacobians	PE1
SOIFER	Hadas	Tel Aviv University	Tel Aviv University	IL	PhotoTopoCurrent	Band-resolved imaging and nonlinear optical control of currents in topological materials	PE3
SORKIN	Raya	Tel Aviv University	Tel Aviv University	IL	ReMembrane	How do tetraspanin proteins organize, shape, and remodel biological membranes?	PE4
TALGAM-COHEN	Inbal	Technion - Israel Institute of Technology	Technion - Israel Institute of Technology	IL	ALGOCONTRACT	Algorithmic Contract Design	PE6
BACCO	Davide	Università degli Studi di Firenze	University of Florence	IT	QOMUNE	Quantum Optical MUltidimensional NEtworks	PE7
BELLI	Sirio	Università di Bologna	University of Bologna	IT	Red Cardinal	Unveiling the Formation of Massive Galaxies with the James Webb Space Telescope	PE9
DE ROSA	Antonio	Università Commerciale 'Luigi Bocconi'	Bocconi University	IT	ANGEVA	Anisotropic geometric variational problems: existence, regularity and uniqueness	PE1

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DONNAY	Laura	Scuola Internazionale Superiore di Studi Avanzati	International School for Advanced Studies	IT	CeleBH	The Celestial Road to a Holographic Description of Black Holes	PE2
FACCHINI	Stefano	Università degli studi di Milano	University of Milan	IT	UNVEIL	Unveiling the infancy of planetary systems	PE9
FERRARI	Fabio	Politecnico di Milano	Polytechnic of Milan	IT	TRACES	Transitions in Rubble-pile Asteroid Chaotic Environment and granular Structures	PE8
GIORDANO	Giulia	Università degli Studi di Trento	University of Trento	IT	INSPIRE	Integrated Structural and Probabilistic Approaches for Biological and Epidemiological Systems	PE7
KWON	Woo Jin	Università degli studi di Milano	University of Milan	IT	QUAVADIS	Quantum Vortex Simulator: from fundamental properties toward engineering mobility	PE2
MAIURI	Margherita	Politecnico di Milano	Polytechnic of Milan	IT	ULYSSES	ManipULation of photoinduced processes bY reshaping tranSition StatEs via transient Strong coupling	PE4
OCCHETTA	Paola	Politecnico di Milano	Polytechnic of Milan	IT	EvOoC	Evolving Organs-on-Chip from developmental engineering to “mechanical re-evolution”	PE8
VILE	Gianvito	Politecnico di Milano	Polytechnic of Milan	IT	SAC_2.0	Single-Atom Catalysts for a New Generation of Chemical Processes: from Fundamental Understanding to Interface Engineering	PE8
ZANELLA	Giacomo	Università Commerciale 'Luigi Bocconi'	Bocconi University	IT	PrSc-HDBayLe	Provable Scalability for high-dimensional Bayesian Learning	PE1
AFANASIEV	Dmytro	Radboud Universiteit Nijmegen	Radboud University Nijmegen	NL	ASTRAL	Antiferromagnetic Spin Transport With Relativistic Waves	PE3
AVALLONE	Francesco	Technische Universiteit Delft	Delft University of Technology	NL	LINING	Acoustic fLow InteractioN over sound absorbing surfaces: effects on ImpedaNce and draG	PE8
DINIZ GUIMARAES	Marcos Henrique	Rijksuniversiteit Groningen	University of Groningen	NL	2D-OPTOSPIN	Spins in two-dimensional materials for tunable magnetic and optoelectronic devices	PE7

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GRISONI	Francesca	Technische Universiteit Eindhoven	Eindhoven University of Technology	NL	ReMINDER	Revolutionizing AI in drug discovery via innovative molecular representation paradigms	PE5
JANSEN	Nils	Radboud Universiteit Nijmegen	Radboud University Nijmegen	NL	DEUCE	Data-Driven Verification and Learning Under Uncertainty	PE6
LAJOINIE	Guillaume	Universiteit Twente	University of Twente	NL	Super-FALCON	Super-resolution, ultrafast and deeply-learned contrast ultrasound imaging of the vascular tree.	PE8
LANGELLA	Ivan	Technische Universiteit Delft	Delft University of Technology	NL	OTHERWISE	Control of Hydrogen and Enriched-hydrogen Reacting flows with Water injection and Intensive Strain for ultra-low Emissions	PE8
SCHMIDT	Sandy	Rijksuniversiteit Groningen	University of Groningen	NL	ReCNNSTRCT	Reconstructing enzymes for novel nitrogen-nitrogen bond forming chemistry	PE5
SCHOUKENS	Maarten	Technische Universiteit Eindhoven	Eindhoven University of Technology	NL	COMPLETE	Model Completion through Nonlinear System Identification	PE7
SEGERS	Tim	Universiteit Twente	University of Twente	NL	MICOMAUS	Sophisticated Microbubble Coating Materials for Functional Ultrasound Sensing	PE11
VAN DER PAS	Stéphanie	VU Medisch Centrum	VU Medical Centre Amsterdam	NL	BayCause	High-dimensional nonparametric Bayesian causal inference	PE1
VAN SLOUN	Ruud	Technische Universiteit Eindhoven	Eindhoven University of Technology	NL	US-ACT	Next-gen ultrasound imaging by closing the perception-action loop	PE7
VONK	Jan	Universiteit Leiden	Leiden University	NL	GAGARIN	Geodesics And Geometric-ARithmetic INtersections	PE1
WALVOORT	Maria	Rijksuniversiteit Groningen	University of Groningen	NL	STICKY SUGARS	Sweet adhesins: Probing bacterial glycoproteins with novel tools to inspire future antibacterial strategies	PE5
WANDERS	Niko	Universiteit Utrecht	Utrecht University	NL	MultiDry	Unravelling the mechanisms behind Multi-Year Droughts	PE10
YAO	Yang	Universiteit Utrecht	Utrecht University	NL	ArtWater	The possibility of artificial life at subzero temperatures: the role of water in cell-mimicking compartments	PE4

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ZALIECKAS	Justas	Universitetet i Bergen	University of Bergen	NO	smartGROW	3D diamond growth	PE8
BOGUSLAWSKI	Katharina	Uniwersytet Mikołaja Kopernika w Toruniu	Nicolaus Copernicus University in Torun	PL	DRESSED-pCCD	Devising Reliable Electronic Structure Schemes through Eclectic Design	PE4
WCISLO	Piotr	Uniwersytet Mikołaja Kopernika w Toruniu	Nicolaus Copernicus University in Torun	PL	H2TRAP	New experimental methods for trapping cold molecular hydrogen	PE2
ADAM	Gina	Institutul National de Cercetare Dezvoltare pentru Microtehnologie	National Institute for Research and Development in Microtechnologies	RO	RobustNanoNet	Understanding and Engineering Resistive Switching towards Robust Neuromorphic Systems	PE7
VUCICEVIC	Jaksa	Institut Za Fiziku	Institute of Physics	RS	SCLoTHiFi	Numerically exact theory of transport in strongly correlated systems at low temperature and under magnetic fields	PE3
BYKOV	Maxim	Linköping Universitet	Linköping University	SE	HIPMAT	High-pressure nitride materials: towards the controllable and scalable synthesis in a diamond anvil cell	PE5
SIPPONEN	Mika	Stockholms universitet	Stockholm University	SE	CIRCULIG	Circular lignin materials from well-defined functional building blocks	PE11
LENARCIC	Zala	Institut Jozef Stefan	Jozef Stefan Institute	SI	DrumS	Weakly driven quantum symmetries	PE3
AYDIN	Erkan	Koç Üniversitesi	Koc University	TR	INPERSPACE	Ultra-efficient and stable perovskite tandem solar cells for extreme conditions in space	PE8
BLAKE	Mike	University of Bristol	University of Bristol	UK	QUANTDYN	Strongly Interacting Quantum Dynamics	PE2
BRYSON	James	University of Oxford	University of Oxford	UK	MMESSH	Utilising Meteorite Magnetism to Elucidate Early Solar System History	PE10
CARBONI OLIVEIRA	Igor	University of Warwick	University of Warwick	UK	SYCLE	Synergies Between Complexity and Learning	PE6
CLIFFE	Matthew J.	University of Nottingham	University of Nottingham	UK	DISCO-MOF	Doping Induced Strongly COrrelated Metal Organic Frameworks	PE5

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COSMIDIS	Julie	University of Oxford	University of Oxford	UK	BioFacts	Biomineral Factories: a platform for the discovery and engineering of biomineralization controls	PE10
EVANS	David	University of Southampton	University of Southampton	UK	AMOEBA	Mechanistically understanding biomineralisation and ancient ocean chemistry changes to facilitate robust climate model validation	PE10
FORSE	Alexander	University of Cambridge	University of Cambridge	UK	SUPERMOFS	Transforming Supercapacitors by using Metal–Organic Framework Electrodes	PE4
GOODWIN	Joseph	University of Oxford	University of Oxford	UK	MICRON-QC	Microfabricated Ion-Cavity nodes for Robust, Optically-Networked Quantum Computing	PE2
HE	Guanjie	Queen Mary University of London	Queen Mary University of London	UK	B-DECENT	Breakthrough Anode-less Rechargeable Aqueous Zinc-ion Batteries	PE11
HUANG	Chun	Imperial College of Science, Technology and Medicine	Imperial College of Science, Technology and Medicine	UK	INDEED	Ion Diffusion in Electrochemical Energy Devices	PE8
KRAUSE	Ben	King's College London	King's College London	UK	PCMEA	Pointwise Convergence of Multiple Ergodic Averages	PE1
KRAVCHUK	Petr	King's College London	King's College London	UK	CFTSPEC	Spectra of Conformal Theories: From Trajectories, Colliders, and Numerics	PE2
KUBICKI	Dominik	University of Warwick	University of Warwick	UK	PhotoPeroNMR	Atomic-Level Insight into Photoinduced Transformations in Perovskite Optoelectronics	PE4
KUMAR	Amit	University of St Andrews	University of St Andrews	UK	PolyCat	Mechanism and Machine Led Catalyst Discovery for a Circular Economy	PE5
LUPINI	Martino	Newcastle University	Newcastle University	UK	DAT	Definable Algebraic Topology	PE1
MATTHEE	Jorryt	University of Edinburgh	University of Edinburgh	UK	AGENTS	Young galaxies as tracers and agents of cosmic reionization	PE9
MOREIRA	Joel	University of Warwick	University of Warwick	UK	DANTAC	Dynamical Approaches to Number Theory and Additive Combinatorics	PE1

Last name	First name	Host Institution Local name	Host Institution name	Host country	Acronym	Title	Panel
MYERS	Rupert Jacob	Imperial College of Science, Technology and Medicine	Imperial College of Science, Technology and Medicine	UK	CO24Cem	Decarbonising cementitious materials through carbon capture and utilisation	PE8
PAGE	Jacob	University of Edinburgh	University of Edinburgh	UK	MLTURB	A new understanding of turbulence via a machine-learnt dynamical systems theory	PE8
PINILLA	Paola	University College London	University College London	UK	GEPOD	Global Evolution of Planet-fOrming Disks	PE9
PROCTOR	Christopher	University of Oxford	University of Oxford	UK	BioEMat	Bioelectronic materials and devices for smart drug delivery	PE7
SILVI	Mattia	University of Nottingham	University of Nottingham	UK	UNION	Onium Ions in (Photo)Catalysis for Organic Synthesis	PE5
VERGARI	Antonio	University of Edinburgh	University of Edinburgh	UK	UNREAL	A Unified Reasoning Layer for Trustworthy ML	PE6
WAKEFORD	Hannah	University of Bristol	University of Bristol	UK	ExoTiC-3DWebb	Exoplanet Timeseries Characterisation: Unlocking the Third Dimension of Atmospheres with Webb	PE9
ZHANG	Min	University of Strathclyde	University of Strathclyde	UK	SUPERMAN	Superconducting Electrical Machines for Zero Emission Aviation	PE7