

**Horizon
Europe**

Panel	Instrument	Name	Faculty	Acronym	Project Title	Call
LS1	STG	Ayala Shiber	Biology	RiboFriend	Deciphering co-translational protein folding, assembly and quality control pathways, in health and disease	2021
LS1	COG	Meytal Landau	Biology	FuncAmyloid	Structure, Function and Regulation of Antimicrobial and Virulent Amyloids at High-resolution	2022
LS1	ADG	Michael Glickman	Biology	Ubi-Wan	The origin and impact of impaired ubiquitin signaling in the degeneration of neurons	2023
LS2	ADG	Roy Kishony	Biology	OUTSMART-infection	Microbiome centered prediction and prevention of recurrent infections	2021
LS4	STG	Noga Ron-Harel	Biology	IMMAGE	In vivo metabolic determinants of T cell aging trajectories	2022
LS4	STG	Ariella Glasner	Medicine	EPIC	Elucidating the networks of immune stromal connections by Perturbation of Immunity in Cancer - towards developing novel therapeutic strategies	2024
LS5	STG	Ben Engelhard	Medicine	DopamineLearnLoops	Toward a new understanding of learning in the brain: dynamic parallel circuit loops for complex learning	2023
LS5	COG	Asya Rolls	Medicine	NEUROFASCIA	Neuronal control of fascia	2022
LS5	ADG	Jackie Schiller	Medicine	DendAssembly	Dendrite assemblies as the core cortical computation module for continual motor learning	2023
LS6	STG	Naama Geva-Zatorsky	Medicine	ExtractABact	Deciphering host-gut microbiota spatio-functional plasticity in inflammation	2022
LS7	STG	Assaf Zinger	Chem Eng	MILKOSOMES	Breast Milk Biomimetic Nano Particles as a Versatile, Non-Invasive, Oral Drug Delivery Tool	2023
LS7	COG	Avi Schroeder	Chem Eng	Smart Nanoparticles	4D Brain-Targeting Nanomedicines for Treating Neurodegeneration	2022
LS9	COG	Nadav Amdursky	Chemistry	ProtonsInProteins	A novel approach for studying biological proton transfer: Protein incorporation of noncanonical amino acids carrying a light-triggered proton donor and proton acceptor	2022
PE2	COG	Ido Kaminer	ECE	QUIN-PINEM	Quantum Interactions in Photon-Induced Nearfield Electron Microscopy	2023
PE4/PE2	STG	Yuval Shagam	Chemistry	Q-ChiMP	Precision measurement of parity violation with quantum-controlled and trapped chiral molecular ions	2023
PE4	STG	Charlotte Vogt	Chemistry	NANODYNAMICS	Hidden in the Noise: Transient Details of Nanoparticle-Catalyzed Reactions Under Challenging Conditions	2023
PE5	COG	Graham de Ruiter	Chemistry	Fenometal	Enabling Noble Metal Reactivity with Earth-Abundant Metals for Selective Bond Functionalization Strategies	2022
PE5	ADG	Ilan Marrek	Chemistry	StereoCPC	Harnessing Non-Classical Carbocations for Stereoselective Synthesis	2024
PE6	STG	Shay Moran	Math	GENERALIZATION	Modern Challenges in Learning Theory	2021
PE6	STG	Ron Rothblum	CS	FASTPROOF	Fast Proofs for Verifying Computations	2021
PE6	STG	Daniel Soudry	ECE	A-B-C-Deep	Algorithmic Bias Control in Deep learning	2021
PE6	STG	Aviv Tamar	ECE	BAYES RL	Deep Bayesian Reinforcement Learning -- Unifying Perception, Planning, and Control	2021

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PE6	STG	Ofra Amir	IE	CONVEY	Conveying Agent Behavior to People: A User-Centered Approach to Explainable AI	2022
PE6	STG	Inbal Talgam	CS	ALGOCONTRACT	Algorithmic Contract Design	2022
PE6	STG	Hila Peleg	CS	EXPLOSYN	Exploratory Program Synthesis	2023
PE6	STG	Yonatan Belinkov	CS	Control-LM	Controlling Large Language Models	2024
PE6	STG	Yaniv Romano	CS	SafetyBounds	Uniting Statistical Testing and Machine Learning for Safe Predictions	2024
PE6	COG	Anat Levin	ECE	SpeckleCorr	Computational imaging through scattering materials using speckle correlation	2021
PE6	COG	Dan Garber	DDS	ProFreeOpt	New Frontiers in Projection-Free Methods for Continuous Optimization	2024
PE7	STG	Ilya Goykhman	ECE	Multi-GRAPH	Investigation of Disruptive 2D/Silicon Technology for Hybrid Mutispectral Photodetection	2021
PE7	COG	Eitan Yaakobi	CS	DNASStorage	Coding for DNA Storage	2021
PE8	COG	Moran Bercovici	Mech Eng	Fluidic Shaping	Fluidic Shaping of Optical Components on Earth and in Space	2021
PE8	COG	Gal Shmuel	Mech Eng	EXCEPTIONAL	Non-Hermitian elastodynamics	2021
PE11	STG	Yoav Kalcheim	Materials	MottSwitch	Highly Energy-Efficient Resistive Switching in Defect- and Strain- Engineered Mott Insulators for Neuromorphic Computing Applications	2021
PE11	STG	Menahem (Hemi) Rotenberg	BME	5D-Neuro	5D Electro-Mechanical Bio-Interface for Neuronal Tissue Engineering	2024
PE11	ADG	Avner Rothschild	Materials	H2Bro	Continuous electrolytic-catalytic decoupled water electrolysis for green hydrogen production	2022
SH3	COG	Miri Yemini	Education	STUDACT	Students' understanding and appropriation of Global Citizenship education	2022