

**Horizon
Europe**

Panel	Name	Faculty	Acronym	Instrument	Project Title	Call
LS1	Ayala Shiber	Biology	RiboFriend	STG	Deciphering co-translational protein folding, assembly and quality control pathways, in health and disease	2021
LS1	Meytal Landau	Biology	FuncAmyloid	COG	Structure, Function and Regulation of Antimicrobial and Virulent Amyloids at High-resolution	2022
LS2	Roy Kishony	Biology	OUTSMART-infection	ADG	Microbiome centered prediction and prevention of recurrent infections	2021
LS4	Noga Ron-Harel	Biology	IMMAGE	STG	In vivo metabolic determinants of T cell aging trajectories	2022
LS5	Ben Engelhard	Medicine	DopamineLearnLoops	STG	Toward a new understanding of learning in the brain: dynamic parallel circuit loops for complex learning	2023
LS5	Asya Rolls	Medicine	NEUROFASCIA	COG	Neuronal control of fascia	2022
LS6	Naama Geva-Zatorsky	Medicine	ExtractABact	STG	Deciphering host-gut microbiota spatio-functional plasticity in inflammation	2022
LS7	Assaf Zinger	Chem Eng	MILKOSOMES	STG	Breast Milk Biomimetic Nano Particles as a Versatile, Non-Invasive, Oral Drug Delivery Tool	2023
LS7	Avi Schroeder	Chem Eng	Smart Nanoparticles	COG	4D Brain-Targeting Nanomedicines for Treating Neurodegeneration	2022
LS9	Nadav Amdursky	Chemistry	ProtonsInProteins	COG	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	Ido Kaminer	ECE	QUIN-PINEM	COG	Quantum Interactions in Photon-Induced Nearfield Electron Microscopy	2023
PE4/PE2	Yuval Shagam	Chemistry	Q-ChiMP	STG	Precision measurement of parity violation with quantum-controlled and trapped chiral molecular ions	2023
PE4	Charlotte Vogt	Chemistry	NANODYNAMICS	STG	Hidden in the Noise: Transient Details of Nanoparticle-Catalyzed Reactions Under Challenging Conditions	2023
PE5	Graham de Ruiter	Chemistry	Fenometal	COG	Enabling Noble Metal Reactivity with Earth-Abundant Metals for Selective Bond Functionalization Strategies	2022
PE6	Shay Moran	Math	GENERALIZATION	STG	Modern Challenges in Learning Theory	2021
PE6	Ron Rothblum	CS	FASTPROOF	STG	Fast Proofs for Verifying Computations	2021
PE6	Daniel Soudry	ECE	A-B-C-Deep	STG	Algorithmic Bias Control in Deep learning	2021
PE6	Aviv Tamar	ECE	BAYES RL	STG	Deep Bayesian Reinforcement Learning -- Unifying Perception, Planning, and Control	2021
PE6	Ofra Amir	IE	CONVEY	STG	Conveying Agent Behavior to People: A User-Centered Approach to Explainable AI	2022
PE6	Inbal Talgam	CS	ALGOCONTRACT	STG	Algorithmic Contract Design	2022
PE6	Hila Peleg	CS	EXPLOSYN	STG	Exploratory Program Synthesis	2023
PE6	Anat Levin	ECE	SpeckleCorr	COG	Computational imaging through scattering materials using speckle correlation	2021

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PE7	Ilya Goykhman	ECE	Multi-GRAPH	STG	Investigation of Disruptive 2D/Silicon Technology for Hybrid Multispectral Photodetection	2021
PE7	Eitan Yaakobi	CS	DNASStorage	COG	Coding for DNA Storage	2021
PE8	Moran Bercovici	Mech Eng	Fluidic Shaping	COG	Fluidic Shaping of Optical Components on Earth and in Space	2021
PE8	Gal Shmuel	Mech Eng	EXCEPTIONAL	COG	Non-Hermitian elastodynamics	2021
PE11	Yoav Kalcheim	Materials	MottSwitch	STG	Highly Energy-Efficient Resistive Switching in Defect- and Strain- Engineered Mott Insulators for Neuromorphic Computing Applications	2021
PE11	Avner Rothschild	Materials	H2Bro	ADG	Continuous electrolytic-catalytic decoupled water electrolysis for green hydrogen production	2022
SH3	Miri Yemini	Education	STUDACT	COG	Students' understanding and appropriation of Global Citizenship education	2022