

ANNOUNCEMENT OF THE RESULTS OF THE STANDARD PROJECTS – 2026 PUBLIC CALL FOR PROPOSALS

As of 28 November 2025, the Czech Science Foundation completed the evaluation of the project proposals received for the competition SGA0202600001 – Standardní projekty and has decided to provide funding for the grant projects listed below. This decision has been made subject to the allocation by the Act on the State Budget of the Czech Republic for 2026 of targeted funds to the Czech Science Foundation in the amount approved by the Council for Research, Development and Innovation and the Government of the Czech Republic. In the event that the targeted funds are allocated in a lower amount, or on separate legal grounds, the Czech Science Foundation reserves the right to reduce the funding to some of the grant projects listed below and/or not to provide funding to some of those grant projects.

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-20456S	prof. Ing. Zdeněk Kala, Ph.D.	Quantile-Based Global Sensitivity Analysis for Structural Reliability of Slender Steel Structures	Vysoké učení technické v Brně, Fakulta stavební	3	1. Technical Sciences
26-20457S	prof. Ing. Jaroslav Kruis, Ph.D.	Two-scale modelling of excavation damage zones and related hydro-mechanical processes	České vysoké učení technické v Praze, Fakulta stavební	3	1. Technical Sciences
26-20548S	doc. Ing. Jan Honzíček, Ph.D.	Degradable thermosets and their composites prepared from functionalized ionic liquids	Univerzita Pardubice, Fakulta chemicko-technologická	3	1. Technical Sciences
26-20692S	Ing. Michal Bartošák, Ph.D.	Modelling and Characterisation of an Oxide-Dispersion-Strengthened Superalloy under Superimposed Thermo-Mechanical and High-Cycle Fatigue Loading	České vysoké učení technické v Praze, Fakulta strojní	3	1. Technical Sciences
26-20714S	prof. Ing. Jiří Burša, Ph.D.	Computational Modeling of Cell Mechanics Based on Experimental Modulation of Cytoskeletal Components	Vysoké učení technické v Brně, Fakulta strojního inženýrství	3	1. Technical Sciences
26-20833S	RNDr. Romana Mikšová, Ph.D.	Ion beam engineering of chalcogenide and metal oxide heterostructures: A path to high-performance optoelectronic and sensing devices	Ústav jaderné fyziky AV ČR, v.v.i.	3	1. Technical Sciences
26-20840S	Ing. Michal Babič, Ph.D.	Nanoparticles Based on New Polymers of Bioanalogous Phenols as a Potential Platform for Intranasal Delivery	Ústav makromolekulární chemie AV ČR, v.v.i.	3	1. Technical Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-20858S	doc. Ing. et Ing. Vilém Neděla, Ph.D., DSc.	Numerical analysis of ion flux and concentration for high-efficiency detection of signal electrons in ESEM/A-ESEM	Ústav přístrojové techniky AV ČR, v.v.i.	3	1. Technical Sciences
26-20862S	Ing. Lucie Petrásková, Ph.D.	Defined low molecular weight chitosan biomaterial as a multivalent carrier for bioactive glycans	Mikrobiologický ústav AV ČR, v.v.i.	3	1. Technical Sciences
26-20873S	prof. RNDr. Pavel Rovnaník, Ph.D.	High-temperature stability of materials based on LC3 binders	Vysoké učení technické v Brně, Fakulta stavební	3	1. Technical Sciences
26-20880S	Ing. Jiří Brus, Dr.	From Molecular Design to Clinical Application: Personalized 3D+ Polysaccharide Wound Dressings Integrating Antiseptics and Natural Compounds	Ústav makromolekulární chemie AV ČR, v.v.i.	3	1. Technical Sciences
26-20968S	prof. Ing. Martin Weiter, Ph.D.	Beyond visible: Novel semiconductors for future organic semitransparent photovoltaics	Vysoké učení technické v Brně, Fakulta chemická	3	1. Technical Sciences
26-21031S	doc. MUDr. Lucie Bačáková, CSc.	Novel MXene-based composite nanomaterials for tissue engineering	Fyziologický ústav AV ČR, v.v.i.	3	1. Technical Sciences
26-21103S	prof. RNDr. David Lukáš, CSc.	Nanofibers with Shish-Kebab Topography Enabling Reduced Antimicrobial Use with High Efficiency	Technická univerzita v Liberci, Fakulta přírodovědně-humanitní a pedagogická	3	1. Technical Sciences
26-21160S	doc. Ing. Ivan Šalitroš, PhD.	Engineering Molecular Bistable Systems: Advanced Light-Tunable Magnetic Switches for Surface Depositions	Vysoké učení technické v Brně, Středoevropský technologický institut	3	1. Technical Sciences
26-21213S	Mgr. Eliezer Jager, PhD.	Dry powder composite systems of stimuli-responsive polymers and 2D materials for pulmonary drug delivery	Ústav makromolekulární chemie AV ČR, v.v.i.	3	1. Technical Sciences
26-21225S	Ing. Stanislav Polzer, Ph.D.	Stochastic Prediction of Arterial Wall rupture	Vysoká škola báňská - Technická univerzita Ostrava, Fakulta strojní	3	1. Technical Sciences
26-21229S	Ing. Vítězslav Jarý, Ph.D.	RESSAC: Unlocking the potential of Rare-Earth SesquiSulfide Advanced single Crystals for fast scintillators and mid-infrared laser sources	Fyzikální ústav AV ČR, v.v.i.	3	1. Technical Sciences
26-21297S	Ing. Robert Cimrman, Ph.D.	Dynamical behavior of 3D printed magneto-active polymer structures: Experiments and modelling	Ústav termomechaniky AV ČR, v.v.i.	3	1. Technical Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-21352S	Dr. Beata Strachota, Ph.D.	Novel Actuator Materials: Nature-Inspired Anisotropic and Tough Nanocomposite Hydrogels	Ústav makromolekulární chemie AV ČR, v.v.i.	3	1. Technical Sciences
26-21353S	prof. Ing. Zbyněk Šika, Ph.D.	Vibration attenuation and stability enhancement of rotors with active high-static-low-dynamic-stiffness supports	České vysoké učení technické v Praze, Fakulta strojní	3	1. Technical Sciences
26-21364S	Ing. Jan Hrubý, CSc.	Mixtures of vapors and gases: equation of state and nucleation	Ústav termomechaniky AV ČR, v.v.i.	3	1. Technical Sciences
26-21374S	Ing. Andrea Školáková, Ph.D.	Ultrafine-grained complex concentrated alloys with high-temperature martensitic transformation	Fyzikální ústav AV ČR, v.v.i.	3	1. Technical Sciences
26-21483S	Dr. Ing. Jan Macák	New generation of 3D flow-through photocatalytic reactor with nanostructured TiO ₂ surface	Univerzita Pardubice, Fakulta chemicko-technologická	3	1. Technical Sciences
26-21543S	Ing. Martin Grábner, Ph.D.	In-band pumped fiber lasers for wavelengths 2 microns	Ústav fotoniky a elektroniky AV ČR, v.v.i.	3	1. Technical Sciences
26-21619S	Ing. Přemysl Fitl, Ph.D.	Composite oxidic aerogels for tailored detection of biogenic amines in gaseous environment	Vysoká škola chemicko-technologická v Praze, Fakulta chemicko-inženýrská	3	1. Technical Sciences
26-21649S	doc. Mgr. Mariya Shamzhy, Ph.D.	Zeolite catalysts for renewable chemicals: reactivity and temporal evolution	Univerzita Karlova, Přírodovědecká fakulta	3	1. Technical Sciences
26-21651S	doc. Ing. Ivan Richter, Dr.	Manipulating light in integrated photonic structures through bound states in the continuum	České vysoké učení technické v Praze, Fakulta jaderná a fyzikálně inženýrská	3	1. Technical Sciences
26-21660S	RNDr. PhDr. Josef Stráský, Ph.D.	Cold spraying of beta-titanium alloys	Univerzita Karlova, Matematicko-fyzikální fakulta	3	1. Technical Sciences
26-21718S	prof. Ing. Michal Přibyl, Ph.D.	Continuous unit operations for enantiomer separation using layers with ionic selectors	Vysoká škola chemicko-technologická v Praze, Fakulta chemicko-inženýrská	3	1. Technical Sciences
26-21775S	doc. Ing. Klára Částková, Ph.D.	Tailoring crystallographic orientation of textured Zr-/Ca-doped barium titanate for enhanced piezoresponse	Vysoké učení technické v Brně, Středoevropský technologický institut	3	1. Technical Sciences
26-21785S	Ing. Michal Gulka, Ph.D.	Improved Quantum Sensing with Chemically Optimized Nanodiamonds	Ústav organické chemie a biochemie AV ČR, v.v.i.	3	1. Technical Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-21789S	RNDr. Petr Harcuba, Ph.D.	Mechanical and corrosion properties of novel high-strength dual-phase zirconium alloys	Univerzita Karlova, Matematicko-fyzikální fakulta	3	1. Technical Sciences
26-21858S	prof. Ing. Zbyšek Pavlík, Ph.D.	Magnesium silicate hydrates with alternative silicon dioxide sources: innovative, eco-friendly and 3D printable construction materials	České vysoké učení technické v Praze, Fakulta stavební	3	1. Technical Sciences
26-21905S	Ing. Jan Storch, Ph.D.	Chirality engineering in 2D TMDCs via helicene functionalization: a route to high-performance chiroptical devices	Ústav chemických procesů AV ČR, v.v.i.	3	1. Technical Sciences
26-21973S	Ing. Dominik Legut, Ph.D.	A new era for nitrides - towards more efficient thermoelectricity and phonoelectricity	Vysoká škola báňská - Technická univerzita Ostrava, IT4Innovations národní superpočítačové centrum	3	1. Technical Sciences
26-22037S	doc. RNDr. Jakub Pšenčík, Ph.D.	Biocomposite reactor for light-driven energy conversion	Univerzita Karlova, Matematicko-fyzikální fakulta	3	1. Technical Sciences
26-22078S	doc. Mgr. Ivan Khalakhan, Ph.D.	High-entropy alloys as next-generation electrocatalysts for electrochemical energy conversion	Univerzita Karlova, Matematicko-fyzikální fakulta	3	1. Technical Sciences
26-22104S	Ing. Petr Lukeš, Ph.D.	Characterization of interfacial transport and chemical reactions of plasma generated reactive species in liquid	Ústav fyziky plazmatu AV ČR, v. v. i.	3	1. Technical Sciences
26-22190S	prof. RNDr. Pavel Matějka, Dr.	Self-assembly processes playing a decisive role in the enhanced effectiveness of solar cells	Vysoká škola chemicko-technologická v Praze, Fakulta chemicko-inženýrská	3	1. Technical Sciences
26-22195S	prof. Ing. Jiří Němeček, Ph.D.	SEM-FIB Analysis and Phase-Field Modeling of Corrosion Damage in Reinforced Concrete	České vysoké učení technické v Praze, Fakulta stavební	3	1. Technical Sciences
26-22262S	Ing. Petr Dzik, Ph.D.	From Speculation to Mechanism: Deciphering the True Potential of Poly(Heptazine Imide)	Vysoké učení technické v Brně, Fakulta chemická	3	1. Technical Sciences
26-22279S	doc. Ing. Michal Sněhota, Ph.D.	Predictive Modeling of Constructed Technosols for Enhanced Hydraulic Performance of Blue-Green Infrastructure	České vysoké učení technické v Praze, Fakulta stavební	3	1. Technical Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-22285S	prof. Ing. Petr Němec, Ph.D.	Operation induced re-arrangement of transition metal sulfides surface(s) for in-situ functionality improvement	Univerzita Pardubice, Fakulta chemicko-technologická	3	1. Technical Sciences
26-22288S	Ing. Petr Vařák, Ph.D.	Scintillation of silicate and tellurite glass in near-infrared region	Vysoká škola chemicko-technologická v Praze, Fakulta chemické technologie	3	1. Technical Sciences
26-22389S	prof. Ing. Karel Friess, Ph.D.	Tailoring the interfacial properties of bio-inspired fluorine-free hydrophobic membranes for improved separation of gases and liquids	Vysoká škola chemicko-technologická v Praze, Fakulta chemicko-inženýrská	3	1. Technical Sciences
26-22419S	Dr. rer. nat. Martin Saska	Sensing abstract behavioural patterns to allow coordinated fast response to disruptions in multi-robot systems	České vysoké učení technické v Praze, Fakulta elektrotechnická	3	1. Technical Sciences
26-22444S	Ing. Vojtěch Franc, Ph.D.	Uncertainty-Aware Machine Learning Models for Open-World Decision-Making	České vysoké učení technické v Praze, Fakulta elektrotechnická	3	1. Technical Sciences
26-22501S	Ing. Gustav Šír, Ph.D.	Neuro-Symbolic Learning for Relational Databases	České vysoké učení technické v Praze, Fakulta elektrotechnická	3	1. Technical Sciences
26-22606S	Ing. Vojtěch Vonásek, Ph.D.	Sampling methods for motion planning and control using learned spaces	České vysoké učení technické v Praze, Fakulta elektrotechnická	3	1. Technical Sciences
26-22647S	Rui Gusmão, Ph.D.	Entropy Optimization in 2D Materials for Enhanced Electrochemical Water Splitting	Vysoká škola chemicko-technologická v Praze, Fakulta chemické technologie	3	1. Technical Sciences
26-22841S	Mgr. Jan Pokorný, Ph.D.	Advanced Characterization of Solid-Liquid Interfaces: Integrating Nonlinear Dielectric and Optical Sensing Techniques	Fyzikální ústav AV ČR, v.v.i.	3	1. Technical Sciences
26-22849S	Ing. Leoš Doskočil, Ph.D.	The Corrosive Appetite of Microorganisms: Corrosion of Mg Alloys Influenced by Methanogens and Sulfate-Reducing Bacteria in Anaerobic Environments	Vysoké učení technické v Brně, Fakulta chemická	3	1. Technical Sciences
26-22907S	prof. Ing. Ivan Křupka, Ph.D.	Friction-induced instabilities in dynamic systems with rolling-sliding contact under transient conditions	Vysoké učení technické v Brně, Fakulta strojního inženýrství	3	1. Technical Sciences
26-23051S	Dr. Ross Colman, Ph.D.	CryoSpin – Novel Materials for Rotational Magnetocalorics	Univerzita Karlova, Matematicko-fyzikální fakulta	3	1. Technical Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-23102S	Ing. Ondřej Kovářík, Ph.D.	Cyclic R-curves to describe fatigue limit of CSAM materials	České vysoké učení technické v Praze, Fakulta jaderná a fyzikálně inženýrská	3	1. Technical Sciences
26-23299S	Assoc. Prof. Jin Yang, PhD.	Mechano-chemical carbonation for cementing CO2 in concrete	Vysoká škola báňská - Technická univerzita Ostrava, Fakulta materiálově-technologická	3	1. Technical Sciences
26-23323S	RNDr. Jakub Zázvorka, Ph.D.	Magnetic compensation control in ferrimagnetic multilayers using interface effects	Univerzita Karlova, Matematicko-fyzikální fakulta	3	1. Technical Sciences
26-23349S	Dr.-Ing. Radek Stoček	Fundamentals of Electrically Activated Self-Healing Processes of Rubbers Filled with Hybrid Conductive-Nonconductive Fillers	Univerzita Tomáše Bati ve Zlíně, Univerzitní institut	3	1. Technical Sciences
26-23413S	Ing. Miloš Krbal, Ph.D.	Developing novel hollow 1D nanostructures	Univerzita Pardubice, Fakulta chemicko-technologická	3	1. Technical Sciences
26-23432S	Giulia D'Angelo, Ph.D.	Neuromorphic active vision for embodied object perception (PIONEER)	České vysoké učení technické v Praze, Fakulta elektrotechnická	3	1. Technical Sciences
26-23522S	prof. Ing. Jan Kybic, Dr.	Leveraging expert knowledge for medical image segmentation	České vysoké učení technické v Praze, Fakulta elektrotechnická	3	1. Technical Sciences
26-23708S	Mgr. Petr Klapetek, Ph.D.	Sparse-Sampling High-Speed Scanning Probe Microscopy	Český metrologický institut	3	1. Technical Sciences
26-23713S	prof. Ing. Jiří Bittner, Ph.D.	Efficient Spatial Hierarchies for Complex 3D Scenes	České vysoké učení technické v Praze, Fakulta elektrotechnická	3	1. Technical Sciences
26-23755S	prof. Dr. Ing. Vlastimil Fíla	Highly efficient polymer membranes based on calix[n]arenes for gas separation in the energetic sector	Vysoká škola chemicko-technologická v Praze, Fakulta chemické technologie	3	1. Technical Sciences
26-23758S	Ing. Ondřej Kuželka, Ph.D.	Probing Deep Learning Models by Logic	České vysoké učení technické v Praze, Fakulta elektrotechnická	3	1. Technical Sciences
26-23776S	Ing. Jan Pospisil, Ph.D.	Reconfigurable Halide Perovskite Materials for New Era of Neuromorphic Electronics	Vysoké učení technické v Brně, Fakulta chemická	3	1. Technical Sciences
26-23833S	prof. Dr. Ing. Michal Beneš	Multiphysics interaction of ice with flow in variably saturated porous media	České vysoké učení technické v Praze, Fakulta jaderná a fyzikálně inženýrská	3	1. Technical Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-23871S	doc. Ing. Jan Sýkora, Ph.D.	Concrete Structures Modeling: An Automated Model Discovery Framework	České vysoké učení technické v Praze, Fakulta stavební	3	1. Technical Sciences
26-23956S	prof. Ing. Michal Jandera, Ph.D.	Web crippling failure mechanism of cold formed steel sections	České vysoké učení technické v Praze, Fakulta stavební	3	1. Technical Sciences
26-23981S	RNDr. Vít Musil, Ph.D.	Decompose and Explain: How to Look Inside Computer Vision Models	Masarykova univerzita, Fakulta informatiky	3	1. Technical Sciences
26-24228S	doc. Georgios Tolias, Ph.D.	Instance-level Visual Recognition and Generation	České vysoké učení technické v Praze, Fakulta elektrotechnická	3	1. Technical Sciences
26-20375S	prof. RNDr. Radek Marek, Ph.D.	Pushing the frontiers of paramagnetic NMR spectroscopy for f-element compounds	Masarykova univerzita, Středoevropský technologický institut	3	2. Physical Sciences. Physical Sciences
26-20435S	M.Sc. Denys Biriukov, Ph.D.	Physics-based inverse design of new peptides selective for the bacterial peptidoglycan	Masarykova univerzita, Přírodovědecká fakulta	3	2. Physical Sciences. Physical Sciences
26-20454S	RNDr. Petr Chytil, Ph.D.	Experimental biosensors based on glycopolymer brushes for selective detection of galectins as a diagnostic tool in human medicine	Ústav makromolekulární chemie AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-20514S	doc. Mgr. Vítězslav Kala, Ph.D.	Sailing to criterion sets for quadratic forms	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences
26-20629S	Dr. Catherine Annen	Laying the foundations of the first digital twin of a volcanic plumbing system	Geofyzikální ústav AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-20795S	doc. RNDr. Martin Dračínský, Ph.D.	Next-Generation NMR Chemical Shift Predictions for Solvated Biomolecules and Functional Molecules	Ústav organické chemie a biochemie AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-20815S	Mgr. Petr Drahota, Ph.D.	From mine waste to soil: The geochemistry of less-studied metal(loid)s	Univerzita Karlova, Přírodovědecká fakulta	3	2. Physical Sciences. Physical Sciences
26-20832S	doc. RNDr. Josef Cvačka, Ph.D.	Ultraviolet Photodissociation Mass Spectrometry for Advanced Structural Analysis of Lipids	Ústav organické chemie a biochemie AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-20860S	Mgr. Evgenia Chitrova, Ph.D.	Strongly-correlated magnetic topological materials by band engineering	Fyzikální ústav AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-20939S	RNDr. Tomáš Slanina, Ph.D.	Multiplicity-Driven Control of Multimodal Photochemistry and Spin Correlation	Ústav organické chemie a biochemie AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-20957S	prof. Ing. Libor Dostál, Ph.D.	P,C,P-pincer complexes of p-block elements: from coordination to function.	Univerzita Pardubice, Fakulta chemicko-technologická	3	2. Physical Sciences. Physical Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-21033S	Prof. RNDr. Robert Vácha, Ph.D.	Design Principles of Fusogenic Proteins for Lipid Vesicles	Masarykova univerzita, Středoevropský technologický institut	3	2. Physical Sciences. Physical Sciences
26-21053S	doc. Mgr. Lukáš Trantírek, Ph.D.	Bridging Structural and Cellular Biology: Protein in-cell NMR Spectroscopy in 3D Stem Cell-Derived Human Organ Models	Masarykova univerzita, Středoevropský technologický institut	3	2. Physical Sciences. Physical Sciences
26-21107S	Lenka Slavíková	Discrete and Multilinear Harmonic Analysis	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences
26-21294S	prof. RNDr. František Němec, Ph.D.	Lightning-generated whistler-mode waves in the Earth's magnetosphere	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences
26-21322S	RNDr. Kateřina Kůsová, Ph.D.	Silicon nanoparticles as a probe to the structural variability of ensembles	Fyzikální ústav AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-21334S	prof. RNDr. Petr Hliněný, Ph.D.	New and traditional structural graph measures for logic and algorithms	Masarykova univerzita, Fakulta informatiky	3	2. Physical Sciences. Physical Sciences
26-21339S	prof. Ing. Pavel Novák, Ph.D.	Dynamic boundary-value problems for the gravity field of a deformable Earth	Západočeská univerzita v Plzni, Fakulta aplikovaných věd	3	2. Physical Sciences. Physical Sciences
26-21358S	doc. RNDr. Peter Košovan, Ph.D.	Modelling protein solutions in membrane separation processes - from simple patchy colloids to realistic representation of proteins.	Univerzita Karlova, Přírodovědecká fakulta	3	2. Physical Sciences. Physical Sciences
26-21423S	Mgr. Martin Ondreját, Ph.D.	Rough, interacting and space-time processes	Ústav teorie informace a automatizace AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-21439S	Mgr. Zdeněk Bonaventura, Ph.D.	Investigation of processes occurring in non-equilibrium plasma on interfaces between two phases with different permittivity and conductivity	Masarykova univerzita, Přírodovědecká fakulta	3	2. Physical Sciences. Physical Sciences
26-21547S	prof. RNDr. Petr Klán, Ph.D.	Synthesis and Photochemical Properties of Hitherto Unexplored Fundamental Structural Derivatives of Cyanine Dyes	Masarykova univerzita, Přírodovědecká fakulta	3	2. Physical Sciences. Physical Sciences
26-21579S	prof. Ing. Vladimír Šindelář, Ph.D.	Molecular capsules based on bridged bambusurils	Masarykova univerzita, Přírodovědecká fakulta	3	2. Physical Sciences. Physical Sciences
26-21774S	prof. Pavel Kroupa	The Stellar Initial Mass Function of Dense Stellar Systems and their Supermassive Black Holes	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-21840S	Mgr. Roman Čurík, Ph.D.	Theory for dissociative recombination in fusion and interstellar plasmas	Ústav fyzikální chemie J. Heyrovského AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-21877S	doc. RNDr. Marie Běhouňková, Ph.D.	Modelling Evolutionary Pathways of Moons and Exoplanetary Systems	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences
26-21940S	prof. Mgr. David Krejčířík, Ph.D., DSc.	Challenging spectral theory with artificial materials	České vysoké učení technické v Praze, Fakulta jaderná a fyzikálně inženýrská	3	2. Physical Sciences. Physical Sciences
26-21963S	RNDr. Michal Vališka, Ph.D.	Exploring Symmetry and Topology in Ultraclean Superconductors	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences
26-21965S	RNDr. Martin Kozák, Ph.D.	Ultrafast nonresonant valleytronics in semiconductors and 2D materials	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences
26-21972S	prof. Mgr. Milan Krtička, Ph.D.	Collective Electromagnetic Excitations: Windows to Nuclear Structure	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences
26-22035S	prof. Mgr. Ondřej Bábek, Dr.	Geochemistry and palaeoclimatologic significance of terrestrial colour-stratified successions: unlocking the climatic fluctuations in deep time	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	2. Physical Sciences. Physical Sciences
26-22148S	RNDr. Artem Ryabov, Ph.D.	Quantum and classical switching in driven underdamped Josephson junctions	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences
26-22168S	prof. Mgr. Lubomír Rulíšek, CSc. DSc.	Ab Initio Prediction of Protein Structure: Viewing Protein Folding as the Intramolecular Solvation Problem	Ústav organické chemie a biochemie AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-22280S	Mgr. Ondřej Lhotka, Ph.D.	Emerging off-season heat waves in Europe	Ústav fyziky atmosféry AV ČR, v. v. i.	3	2. Physical Sciences. Physical Sciences
26-22284S	Mgr. Antonín Hlaváček, Ph.D.	Wide-Field Optical Microscopy for Imaging and Slitless Spectroscopy of Molecules and Nanoparticles in Liquid Dispersions	Ústav analytické chemie AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-22313S	prof. Ing. Radek Cibulka, Ph.D.	Photoredox catalysis with redox inactive metal ions: A novel approach towards effective C–H functionalisations	Vysoká škola chemicko-technologická v Praze, Fakulta chemické technologie	3	2. Physical Sciences. Physical Sciences
26-22325S	RNDr. Pavel Kubáň, Ph.D. DSc.	Automation of integrated and microscale clean-up, preconcentration, and analysis of complex samples	Ústav analytické chemie AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-22343S	doc. Linus Wulff, M.Sc. Ph.D.	One loop in ten and eleven dimensions	Masarykova univerzita, Přírodovědecká fakulta	3	2. Physical Sciences. Physical Sciences
26-22381S	prof. RNDr. Jiří Podolský, CSc., DSc.	Novel approaches to exact black-hole spacetimes, with gravitational waves and dark energy	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences
26-22385S	prof. RNDr. Radan Huth, DrSc.	Exploring the potential of spatially sliding circulation classifications in climatological and climate change research	Univerzita Karlova, Přírodovědecká fakulta	3	2. Physical Sciences. Physical Sciences
26-22432S	RNDr. Stanislav Musil, Ph.D.	Coupling vapor generation, miniature plasma and Orbitrap MS – on the way to precise and accurate determination of metal and metalloid isotope ratios	Ústav analytické chemie AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-22502S	Christopher Lambie-Hanson, Ph.D.	Combinatorics and compactness at small uncountable cardinals	Matematický ústav AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-22530S	RNDr. Petra Štěpančíková, Ph.D.	A Novel Approach to Studying Late Cenozoic–Recent Deformation in Western Anatolia: Integrating Thermochronology, Paleoseismology, and Fault Monitoring	Ústav struktury a mechaniky hornin AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-22614S	RNDr. Michal Dovčiak, Ph.D.	Exploring the Unexpected: Advancing Accreting Black Hole Studies in the X-ray Polarimetry Era	Astronomický ústav AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-22640S	prof. RNDr. Jan Strejček, Ph.D.	Concise Models for Efficient Reasoning	Masarykova univerzita, Fakulta informatiky	3	2. Physical Sciences. Physical Sciences
26-22734S	doc. RNDr. Jan Šťovíček, Ph.D.	Homological and model-theoretic methods in algebra and geometry	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences
26-22810S	prof. RNDr. Petr Slaviček, Ph.D.	Triggering and probing ultrafast reactions with high-energy photons: Advancing computational methods	Vysoká škola chemicko-technologická v Praze, Fakulta chemicko-inženýrská	3	2. Physical Sciences. Physical Sciences
26-22911S	Mgr. Stanislava Vodrážková, Ph.D.	Chronostratigraphic and Paleoenvironmental Analysis of the Daleje Event in its type area: Implications for the Emsian (Early Devonian) Subdivision	Česká geologická služba	3	2. Physical Sciences. Physical Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-23116S	Prof. Lukasz Cwiklik, Ph.D., DSc.	Biophysical Design and Evaluation of Hybrid Lipid-Polymer-Peptide Nanocarriers for Enhanced Topical Glaucoma Treatment	Ústav fyzikální chemie J. Heyrovského AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-23188S	Mgr. Martin Schnabl, Ph.D.	Open-closed duality in String Field Theory	Fyzikální ústav AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-23277S	Christopher Heard, Ph.D.	Friend or Foe: Defect Control in Zeolite Catalysts	Univerzita Karlova, Přírodovědecká fakulta	3	2. Physical Sciences. Physical Sciences
26-23345S	RNDr. Athanasios Markos, Ph.D.	Bioorthogonal synthesis of fluorophores	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	2. Physical Sciences. Physical Sciences
26-23375S	prof. Rikard von Unge, PhD	On and Off-shell Superspace Representations	Masarykova univerzita, Přírodovědecká fakulta	3	2. Physical Sciences. Physical Sciences
26-23391S	prof. RNDr. Martin Katora, CSc.	Highly Fluorescent Stereochemical Hybrides	Univerzita Karlova, Přírodovědecká fakulta	3	2. Physical Sciences. Physical Sciences
26-23441S	prof. RNDr. Antonín Kučera, Ph.D.	Advanced Method for Analysis and Synthesis of Probabilistic Programs	Masarykova univerzita, Fakulta informatiky	3	2. Physical Sciences. Physical Sciences
26-23451S	Anirban Ghosh	¹⁹ F NMR for elucidating non-canonical nucleic acid structural polymorphism, folding landscape, and ligand interactome in vitro and intracellular space	Masarykova univerzita, Středoevropský technologický institut	3	2. Physical Sciences. Physical Sciences
26-23460S	John Jansen, PhD	The First Ice Sheets of North America	Geofyzikální ústav AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-23514S	RNDr. Naděžda Zíková, Ph.D.	Role of Biogenic Aerosols in Cloud Condensation and Ice Nucleation and its interaction with urban pollution	Ústav chemických procesů AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-23570S	doc., Dr. rer. nat., Mgr. Tomáš Mančal, Ph.D.	Multi-exciton ultrafast energy transfer processes in molecular systems with quantum environment	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences
26-23610S	prof. RNDr. Jan Veselý, Ph.D.	Asymmetric Organocatalysis as a Gateway to Inherently Chiral Compounds	Univerzita Karlova, Přírodovědecká fakulta	3	2. Physical Sciences. Physical Sciences
26-23614S	Dr. Christoph Allolio	Fine-tuning lipophilic cations for mitochondrial drug delivery: from theory to synthesis and biological effects	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-23625S	doc. RNDr. Karel Carva, Ph.D.	Stability of long-range orbital currents: microscopic understanding	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences
26-23695S	Jan Hladký	Inhomogeneous random graphs	Ústav informatiky AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-23696S	Mgr. Vojtěch Witzany, Dr. rer. nat.	Integrability: The Reins on Spinning Compact Binary Motion	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences
26-23789S	prof. Ing. Mgr. Miroslav Trnka, Ph.D.	A High-resolution European Drought Atlas to assess moving drought events - HEDA	Ústav výzkumu globální změny AV ČR, v. v. i.	3	2. Physical Sciences. Physical Sciences
26-23973S	prof. Ing. Igor Jex, DrSc.	Quantum Protocols in Noisy Environment	České vysoké učení technické v Praze, Fakulta jaderná a fyzikálně inženýrská	3	2. Physical Sciences. Physical Sciences
26-24002S	prof. Ing. Jan Vacek, Ph.D.	Utilising Chemoselective Nucleophilic Probes for Identification of Bioactive Electrophiles	Univerzita Palackého v Olomouci, Lékařská fakulta	3	2. Physical Sciences. Physical Sciences
26-24066S	Dr. Juraj Fedor, Ph.D.	Core-excited resonances in electron-molecule collisions: dynamics and dissociation	Ústav fyzikální chemie J. Heyrovského AV ČR, v.v.i.	3	2. Physical Sciences. Physical Sciences
26-24123S	doc. RNDr. Jan Prokleška, Ph.D.	Ferroelectricity at the Nanoscale: Confined Water as a Model Dipolar System	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences. Physical Sciences
26-20379S	RNDr. Veronika Obšilová, Ph.D.	Molecular mechanism of E3 ubiquitin ligase Nedd4-2 regulation	Fyziologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-20384S	RNDr. Lydie Plecítá, Ph.D.	NOX4 signaling in pancreatic β -cells: Secrets hidden in the endoplasmic reticulum	Fyziologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-20409S	RNDr. Markéta Hlaváčková, Ph.D.	Targeting NOX4 in Multiple Organs: A Strategy to Combat Type 2 Diabetes Development	Fyziologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-20420S	prof. MSc. Vjačeslav Jurčenko, Ph.D.	Leishmania development in phlebotomine sand flies and transmission to the vertebrates: the role of leishmaniviruses and RNA interference	Ostravská univerzita, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
26-20429S	Mgr. Ondřej Gahura, Ph.D.	Toolkit and principles of mitoribosome biogenesis and its interplay with RNA editing	Biologické centrum AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-20451S	prof. RNDr. Pavla Bojarová, Ph.D.	Pulmonary Hypertension: A Multitarget Approach Using Tailored Galectin Inhibitors	Mikrobiologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-20560S	Mgr. Tomáš Pánek, Ph.D.	Architecture and evolution of protein synthesis apparatus in plastids	Univerzita Karlova, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
26-20595S	prof. Mgr. Štěpánka Vaňáčová, Ph.D.	Tackling the role of m6A RNA demethylase in mRNA biogenesis	Masarykova univerzita, Středoevropský technologický institut	3	3. Medical and Biological Sciences
26-20610S	prof. RNDr. Aleš Stuchlík, Ph.D., DSc.	Depression-like Behaviors via Chronic PV Interneuron Activation in mPFC: Mechanisms and Treatment Approaches	Fyziologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-20643S	Mgr. Gabriel Demo, Ph.D.	Ribosome Assembly Regulation	Masarykova univerzita, Středoevropský technologický institut	3	3. Medical and Biological Sciences
26-20659S	prof. RNDr. Julius Lukeš, CSc.	Mitochondrial genome and transcriptome of euglenozoans: in search for unique and general trends of organellar nucleic acids management	Biologické centrum AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-20732S	RNDr. Petra Alánová, PhD.	The interplay between HIF-1 α and mitochondria in heart failure with reduced ejection fraction	Fyziologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-20768S	Dr. Nicola Silva	Identification of novel factors assisting and counteracting BRCA2 activity during meiotic DNA repair in <i>Caenorhabditis elegans</i>	Masarykova univerzita, Lékařská fakulta	3	3. Medical and Biological Sciences
26-20804S	prof. RNDr. Vladimír Kryštof, Ph.D.	CDK9 Inhibition and Beyond: Selective Small Molecules and Their Bifunctional Derivatives for Cancer Therapy	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
26-20811S	Mgr. Markéta Jiroušková, PhD	Cytoskeletal determinants of pathogenesis of cholestatic liver disease	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-20827S	Mgr. et Mgr. Evžen Bouřa, Ph.D.	RNA Capping Enzymes in <i>T. vaginalis</i> : Structural and Functional Characterization for Drug Discovery	Ústav organické chemie a biochemie AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-21035S	Dr. rer. nat. RNDr. Leoš Valášek, DSc.	Cell signaling, DNA Damage Response, and ribosomes linked via eIF3? Where there is smoke, there is fire!	Mikrobiologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-21040S	MUDr. Zdeněk Hodný, CSc.	Design and biological characterization of glioblastoma-effective senotherapeutics acting through Michael addition	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-21078S	Mgr. Martina Huranová, Ph.D.	On the Trail of the Tubulin Code: Exploring Ciliopathy Mechanisms and Therapeutic Opportunities	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-21113S	Mgr. David Zalabák, Ph.D.	CRE1-DWF5: Cytokinin's Secret Link to Brassinosteroid Biosynthesis	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
26-21116S	Mgr. Lenka Bešše, PhD	ECPAS-Mediated Proteasome Remodeling as a Mechanism of Resistance to Proteasome Inhibition in Multiple Myeloma	Masarykova univerzita, Lékařská fakulta	3	3. Medical and Biological Sciences
26-21241S	Ondřej Štěpánek, PhD	Local T-cell responses to Bordetella pertussis	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-21263S	prof. David Staněk, Ph.D.	Enhancing PRPF31 expression as a therapeutic strategy for retinitis pigmentosa 11	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-21317S	RNDr. Marek Kovář, Ph.D.	Mapping tumor-associated macrophage-T cell interplay in ovarian carcinoma: implications for immunotherapy	Mikrobiologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-21355S	Ing. Aleš Hnízda, Ph.D.	Heterodimerization of human GLP-G9a histone methyltransferase and abnormal epigenetics in Kleeftstra syndrome	Univerzita Karlova, 1. lékařská fakulta	3	3. Medical and Biological Sciences
26-21470S	Ing. Lukáš Valihrach, Ph.D.	Impact of mTOR signaling modulation in NG2-expressing cells on the neuroregeneration after ischemic brain injury	Biotechnologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-21476S	Ing. Zuzana Kadlecova, Ph.D.	AAK1 at the Nexus: How Kinase Mediated Regulation of Plexin Signaling Shapes Neuronal Growth Cone Guidance	Masarykova univerzita, Lékařská fakulta	3	3. Medical and Biological Sciences
26-21507S	prof. Ing. Stanislav Obruča, Ph.D.	Unlocking the Biotechnological Potential of Thermophilic Aneurinibacilli: Towards Next Generation of Microbial Polyesters	Vysoké učení technické v Brně, Fakulta chemická	3	3. Medical and Biological Sciences
26-21568S	Mgr. Zuzana Sumbalová Koledová, PhD.	Novel function of CDK12 in regulation of functional differentiation of mammary epithelial cells	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-21610S	Mgr. David Doležel, Ph.D.	Mammalian-like components in insect circadian clocks	Biologické centrum AV ČR, v.v.i.	3	3. Medical and Biological Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-21631S	doc. Mgr. Monika Horváthová, Ph.D.	Preclinical testing of new therapeutic approaches in a mouse model of congenital erythrocytosis with mutated erythropoietin receptor	Univerzita Palackého v Olomouci, Lékařská fakulta	3	3. Medical and Biological Sciences
26-21666S	Mgr. Oleg Lunov, Ph.D.	Mechanical Disruption of Organelles Shapes Liver Cancer Cell Fate at the Subcellular Level	Fyzikální ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-21679S	MUDr. Petr Müller, Ph.D.	The Role of HSF1 in Tumor Adaptation to Proteotoxic Stress: Synthetic Lethality and Targeted Inhibition Strategies	Masarykův onkologický ústav	3	3. Medical and Biological Sciences
26-21743S	MUDr. Petr Džubák, Ph.D.	Chemoproteomic Analysis of Off-Targets of Mitotic Inhibitors	Univerzita Palackého v Olomouci, Lékařská fakulta	3	3. Medical and Biological Sciences
26-21754S	Mgr. Jakub Rohlena, Ph.D.	Leveraging synthetic lethality for effective pyrimidine synthesis targeting in lung adenocarcinoma	Biotechnologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-21896S	MUDr. Libor Macůrek, Ph.D.	Pathogenic PPM1D variants and their impact on DNA replication	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-21955S	Jan Dobeš	How Antigen-Presenting Cells Orchestrate the Transformation of Helper T Cells into Intraepithelial Lymphocytes with Cytotoxic Activity?	Univerzita Karlova, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
26-22086S	prof. MUDr. David Šmajs, Ph.D.	Identification of virulence factors of Treponema pallidum subspecies pallidum: from human transcriptomic data to in vitro characterization of strains	Masarykova univerzita, Lékařská fakulta	3	3. Medical and Biological Sciences
26-22338S	RNDr. Dominik Filipp, CSc.	Memory of microbiota in intestinal Sca-1+RORγt+ T regulatory cells	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-22446S	RNDr. Zbyněk Kozmik, CSc.	Using Reverse Genetics in Amphioxus to Inform the Development and Evolution of Chordates	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-22519S	MUDr. Helena Pivoňková, Ph.D.	MECHANISMS OF OLIGODENDROCYTE DYSFUNCTION IN MILD MALFORMATION OF CORTICAL DEVELOPMENT WITH OLIGODENDROGLIAL HYPERPLASIA AND EPILEPSY	Univerzita Karlova, 2. lékařská fakulta	3	3. Medical and Biological Sciences
26-22566S	Mr. Lukáš Chmátal, Ph.D.	Molecular mechanisms of sex differences in cardiac metabolism	Fyziologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-22811S	MUDr. Martin Pešl, Ph.D.	Melatonin in human cardiomyocytes: cellular functions in normal cells and heart failure model	Masarykova univerzita, Lékařská fakulta	3	3. Medical and Biological Sciences
26-22944S	Aniruddha Mitra, PhD	Entry and exit mechanisms of proteins in the ciliary compartment	Biotechnologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-22967S	Mgr. et Mgr. Dalibor Blažek, Ph.D.	Mechanisms of CDK12-mediated transcription	Masarykova univerzita, Středoevropský technologický institut	3	3. Medical and Biological Sciences
26-23223S	doc. Hassan Hashimi, Ph.D.	Consequences of disparate crista architectures on mitochondrial function	Biologické centrum AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-23399S	Mgr. Dáša Bohačíková, Ph.D.	Dissecting the Role of Axonal Transport and Neuronal Excitability in Neurodegeneration	Masarykova univerzita, Lékařská fakulta	3	3. Medical and Biological Sciences
26-23400S	RNDr. Filip Šenigl, Ph.D.	Targeting of somatic hypermutation by the interplay of transcriptional kinetics and DNA repair fidelity	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
26-23404S	prof. PharmDr. Petr Pávek, Ph.D.	New Insights into PXR/CAR Modulation in Hepatic Metabolism Regulation and Potential Therapeutic Interventions	Univerzita Karlova, Farmaceutická fakulta v Hradci Králové	3	3. Medical and Biological Sciences
26-23565S	Dr. Norbert Weiss, Ph.D.	Unraveling the Regulatory Landscape of Neuronal T-Type Calcium Channel Variants in Human Disease	Univerzita Karlova, 3. lékařská fakulta	3	3. Medical and Biological Sciences
26-23770S	doc. MUDr. Karel Ježek, Ph.D.	Temporal microstructure of memory pattern activation and information processing in brain neural networks	Univerzita Karlova, Lékařská fakulta v Plzni	3	3. Medical and Biological Sciences
26-23780S	PharmDr. Zuzana Holubcová, PhD	Reconstitution of mammalian centrosome after fertilisation	Masarykova univerzita, Lékařská fakulta	3	3. Medical and Biological Sciences
26-23996S	doc. Mgr. Jiří Šána, Ph.D.	Molecular roles of micropeptides encoded by non-coding RNAs in cancer biology: a multi-omic analysis of the hidden translome	Masarykova univerzita, Středoevropský technologický institut	3	3. Medical and Biological Sciences
26-20400S	Mgr. Petra Trnková, Ph.D.	“Photography Go-Betweens” and the Closed Society: The nobility as a catalyst for the growth of photography in central Europe in the 1840s-1860s	Ústav dějin umění AV ČR, v.v.i.	3	4. Social Sciences and Humanities
26-20427S	PhDr. Michaela Žáková, Ph.D.	Between Independence and Stigma: Single Women in Bourgeois and Noble Society in the Czech Lands (1848-1914)	Historický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-20466S	prof. PhDr. Jiří Knapík, Ph.D.	Rhythms of normalization. Czech society, continuities and specifics of one era.	Slezská univerzita v Opavě, Filozoficko-přírodovědecká fakulta	3	4. Social Sciences and Humanities
26-20476S	doc. PhDr. Pavel Sládek, Ph.D.	The Makers of Printed Books for Jews, 1505-1625: Their Roles, Practices, and Motivations	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities
26-20576S	doc. PhDr. Stanislav Holubec, Ph.D.	Kohlennot: Politics and Everyday Life in the Central Powers During the Great War and Beyond (1914-1920)	Historický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
26-20656S	PhDr. Marie Pospíšilová, Ph.D.	Entrepreneurship, self-employment and dependent work: blurred boundaries and lived consequences	Sociologický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
26-20744S	Mgr. et Mgr. Marína Urbániková, Ph.D.	(Re)Connect: Restoring the Declining Relationship Between The News Media and the Public	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
26-20798S	doc. Mgr. Petr Bubeníček, Ph.D.	The Trap of the Everyday: Czech Literature on Screen 1970–1995	Masarykova univerzita, Filozofická fakulta	3	4. Social Sciences and Humanities
26-20808S	Mgr. Lucie Mazalová, Ph.D.	Discussing the End of the World at the Medieval University of Prague: the Case of Positio de Antichristo by Jakoubek of Stříbro	Masarykova univerzita, Filozofická fakulta	3	4. Social Sciences and Humanities
26-20852S	Prof. Dr. phil. Pavel Himl	Labour, Anger, Modernity: Urban protests and the “under-bourgeois” classes in the Austrian monarchy, 1789–1847	Univerzita Karlova, Fakulta humanitních studií	3	4. Social Sciences and Humanities
26-20885S	Mgr. Michaela Ptáková, Ph.D.	Unveiling the hidden diversity in hunter-gatherer and early farmer diets	Jihočeská univerzita v Českých Budějovicích, Přírodovědecká fakulta	3	4. Social Sciences and Humanities
26-20940S	doc. PhDr. Pavlína Morganová, Ph.D.	The Academy of Fine Arts in Prague 1799–1999: Art Education and Canon	Akademie výtvarných umění v Praze	3	4. Social Sciences and Humanities
26-20984S	Mgr. Magdalena Adamus, PhD	Curbing the conspicuous mindset through social-psychological insights on intergroup attitudes	Masarykova univerzita, Ekonomicko-správní fakulta	3	4. Social Sciences and Humanities
26-21018S	Dr. Mirjana Rupar	The Costs and Benefits of Observing Humanitarian Aid for Social Cohesion	Psychologický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
26-21034S	doc. RNDr. Ing. Miloš Kopa, Ph.D.	Advanced methods of stochastic orders for financial applications	Univerzita Karlova, Matematicko-fyzikální fakulta	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-21105S	doc. PhDr. Dagmar Pichová, Ph.D.	Constructing Epistemic Authority: Émilie Du Châtelet and the Académie Royale des Sciences	Masarykova univerzita, Filozofická fakulta	3	4. Social Sciences and Humanities
26-21202S	Mgr. Lucie Galčanová Batista, Ph.D.	Intersection of ageing and environmentally friendly lifestyle: Generativity, sources of resilience, and the importance of relationships	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
26-21266S	Sebastian Ottinger, Ph.D.	Understanding Local Specialization in Industries and Innovation	Ekonomický ústav AV ČR, v. v. i.	3	4. Social Sciences and Humanities
26-21282S	Lucie Valentinová	Minoan Frescoes and the Archaic Greek Cosmos: Visual Imagery in Early Greek Thought	Univerzita Pardubice, Fakulta filozofická	3	4. Social Sciences and Humanities
26-21319S	Mgr. Jan Kalenda, Ph.D.	COBALD: COM-B and Longitudinal Design for Adult Learning and Education Development	Univerzita Tomáše Bati ve Zlíně, Fakulta humanitních studií	3	4. Social Sciences and Humanities
26-21328S	PhDr. Zora Obstová, Ph.D.	Conceptualizing a Contrastive Perspective in Phraseological and Constructional Research	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities
26-21395S	doc. Mgr. Veronika Hrušová, Ph.D.	Clement of Alexandria in dialogue with Valentinian gnosis	Masarykova univerzita, Filozofická fakulta	3	4. Social Sciences and Humanities
26-21396S	doc. Mgr. Lucie Česálková, Ph.D.	Media and Resources in Socialist Czechoslovakia: Visual Regimes, Narratives, and Tropes	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities
26-21398S	Mgr. et Mgr. Peter Spáč, Ph.D.	The Shifting Role of Gender in Politics: Representation, Retention, and Public Perception	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
26-21466S	PhDr. Hana Hašková, Ph.D.	Selective and Inclusive Trends in Childcare Policies and Their Impacts on Work-Care Practices in Czechia in Comparative Perspective	Sociologický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
26-21480S	Mgr. Hana Horáková, Ph.D.	Subjective Cognitive, Affective, and Behavioral Symptoms in Early Alzheimer's Disease: Pathways Linking Them to Functional Decline	Univerzita Karlova, 2. lékařská fakulta	3	4. Social Sciences and Humanities
26-21527S	Ing. Petr Škrdla, Ph.D., DSc.	Human responses to climatic deterioration of the Last Glacial Maximum: hot springs as climatic oases	Archeologický ústav AV ČR, Brno, v. v. i.	3	4. Social Sciences and Humanities
26-21557S	doc. Mgr. Michal Zourek, Ph.D.	Toward a global history of Latin American Cold War: Czechoslovak intelligence and local actors	Univerzita Hradec Králové, Filozofická fakulta	3	4. Social Sciences and Humanities
26-21565S	Nikolas Mittag, Ph.D.	Combining Surveys and Administrative Data to Improve Survey Quality, Measures of Income and Research on Economic Hardship	Univerzita Karlova, Právnická fakulta	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-21586S	doc. PhDr. Tomáš Duběda, Ph.D.	Artificial Intelligence in Legal Translation – An Empirical Approach	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities
26-21609S	prof. Dr. phil. PhDr. Karsten Rinas	How to Become a Good Citizen: The Educational Influence of Youth Literature in the Czech National Revival	Univerzita Palackého v Olomouci, Filozofická fakulta	3	4. Social Sciences and Humanities
26-21675S	Mgr. et Mgr. Veronika Lacinová Najmanová, Ph.D.	Controlled Reproduction? State Policy and Contraceptive Practice in Czechoslovakia from the 1950s to the 1990s	Univerzita Pardubice, Fakulta filozofická	3	4. Social Sciences and Humanities
26-21742S	prof. PhDr. Ota Konrád, Ph.D.	Understanding and Experiencing Sexual Violence in the Late Habsburg Monarchy	Univerzita Karlova, Fakulta sociálních věd	3	4. Social Sciences and Humanities
26-21786S	JUDr. Ondřej Kadlec, J.D., Ph.D., DPhil	Data-Driven Judicial Governance: Power and Perils of Digital Managerialism in Courts	Masarykova univerzita, Právnická fakulta	3	4. Social Sciences and Humanities
26-21820S	Kevin Salesse	Big city life: Toward a bioarcheology of Brno's urbanization (9th-19th centuries)	Masarykova univerzita, Přírodovědecká fakulta	3	4. Social Sciences and Humanities
26-21822S	doc. Mgr. Magda Ševčíková, Ph.D.	Complexity of inflection and word-formation: An intra- and cross-linguistic perspective	Univerzita Karlova, Matematicko-fyzikální fakulta	3	4. Social Sciences and Humanities
26-22001S	RNDr. Marek Frič, Ph.D.	Voice Training and Its Impact on Vocal Function, Load Tolerance, and Perceptual Accuracy in Pre-professional Voice Users	Univerzita Palackého v Olomouci, Pedagogická fakulta	3	4. Social Sciences and Humanities
26-22007S	Mgr. Jitka Navrátilová, Ph.D.	Developing a Theory of Social Work to Support Restorative Potential in the Transformation of Antisocial Behaviour in Institutionalised Youth	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
26-22089S	doc. PhDr. Jan Karlas, M.A., Ph.D.	Contested authority of the global climate regime: How distributional conflicts and collective effectiveness interact	Univerzita Karlova, Fakulta sociálních věd	3	4. Social Sciences and Humanities
26-22098S	prof. PhDr. Lubomír Kopeček, Ph.D.	Party Crisis and Party Survival in Central European Democracies	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
26-22144S	Mgr. Zuzana Podaná, Ph.D.	Coercive Control in Intimate Partnerships: Conceptualization, Criminalization, and Public Perception	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-22166S	JUDr. Bc. Terezie Smejkalová, Ph.D.	Legal Language and Authority: A Social Representations Approach	Masarykova univerzita, Právnická fakulta	3	4. Social Sciences and Humanities
26-22224S	Mgr. Václav Žůrek, Ph.D.	The Power of Speech. Dimensions of Verbal Violence in the Time of George of Bohemia	Filosofický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
26-22252S	Miloslava O'Sullivan, Ph.D.	Feminist Foreign Policy Analysis in Central and Eastern Europe at Wartime	Ústav mezinárodních vztahů Praha, v. v. i.	3	4. Social Sciences and Humanities
26-22277S	prof. Ing. Štefan Lyócsa, Ph.D.	Attention driven market risk	Masarykova univerzita, Ekonomicko-správní fakulta	3	4. Social Sciences and Humanities
26-22286S	Mgr. et Mgr. Alena Pospíšil Macková, Ph.D.	The Politics of Visibility: Algorithms, Content, and Platform Regulation	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
26-22303S	prof. doc. Bernadette Nadya Jaworsky, Ph.D.	Boundaries of solidarity in the Czech civil sphere: The case of Ukrainian migration (BOUNDSOL)	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
26-22327S	prof. PhDr. Ing. Ondřej Císař, Ph.D.	Riders on the storm: Future imaginaries of populist leaders and their followers	Univerzita Karlova, Fakulta sociálních věd	3	4. Social Sciences and Humanities
26-22378S	RNDr. James Pfaus, Ph.D.	A neurobiological model of paraphilic development in the male rat	Národní ústav duševního zdraví	3	4. Social Sciences and Humanities
26-22435S	doc. PhDr. Roman Chytilek, Ph.D.	Single-issue voters in multiparty systems	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
26-22448S	Dr. Daniel Wesley Fussner	Substitution in Material Inference and Logical Environments	Ústav informatiky AV ČR, v.v.i.	3	4. Social Sciences and Humanities
26-22476S	Mgr. Lucie Strnadová, Ph.D.	Pre-Linnaean Herbaria in the Czech Republic	Univerzita Karlova, Přírodovědecká fakulta	3	4. Social Sciences and Humanities
26-22534S	Ing. Miroslav Rada, Ph.D.	Utilizing Modern Methods of Discrete Geometry for Solving Selected Problems in Operations Research, Data Analysis and Game Theory	Vysoká škola ekonomická v Praze, Fakulta informatiky a statistiky	3	4. Social Sciences and Humanities
26-22556S	Mgr. Michał Kłusek, Ph.D.	Psychological Limits to Algorithmic Sentencing	Univerzita Karlova, Právnická fakulta	3	4. Social Sciences and Humanities
26-22622S	Hana Kubátová, Ph.D.	Across Autocracies. Mid-Level Elites from the Slovak State to Communist Czechoslovakia	Univerzita Karlova, Fakulta sociálních věd	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-22685S	JUDr. et Mgr. Lucia Kvočáková, Ph.D. et Ph.D.	Unveiling Cultural Identities: Presentation and Representation of Slovak Visual Arts in the Czech Lands (1918–1945)	Ústav dějin umění AV ČR, v.v.i.	3	4. Social Sciences and Humanities
26-22724S	Mgr. Michal Jabůrek, Ph.D.	Boredom or ADHD: Unlocking Behavioral Clues from Computerized Tests	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
26-22785S	Mgr. Yvona Kostecká, PhD	Homeschooling - a tool in the culture wars over shaping human rights and democracy?	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities
26-22836S	Yiman Sun, Ph.D.	Dynamic Economic Design: Social Choice, Contracts, and Information	Ekonomický ústav AV ČR, v. v. i.	3	4. Social Sciences and Humanities
26-22839S	Dmitriy Vorobyev, Ph.D.	Responsibility Attribution and Political Cycles under Multi-Level Governance	Evropská výzkumná univerzita, z.ú.	3	4. Social Sciences and Humanities
26-22844S	Petra Tomanová	Dynamic Score-Driven Models in Extreme Value Theory	Vysoká škola ekonomická v Praze, Fakulta informatiky a statistiky	3	4. Social Sciences and Humanities
26-22926S	Ing. Viktor Prokop, Ph.D.	Twin-transition for greener Innovation Ecosystems: Modelling paths for multi-helix stakeholders	Univerzita Pardubice, Fakulta ekonomicko-správní	3	4. Social Sciences and Humanities
26-22982S	Mgr. Hynek Cígler, Ph.D.	Advancing the Psychometrics of Reverse-Coded Items	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
26-23054S	doc. Jan Dušek, Ph.D.	Two Torah texts for two sanctuaries? The Samaritan traditions in the Hebrew Bible	Univerzita Karlova, Evangelická teologická fakulta	3	4. Social Sciences and Humanities
26-23104S	doc. JUDr. Kateřina Eichlerová, Ph.D.	Corporate Governance of Capital Companies with Municipal Participation	Univerzita Karlova, Právnická fakulta	3	4. Social Sciences and Humanities
26-23132S	Mgr. Jiří Flaišman, Ph.D.	The Living Text: Genetic, Computational, and Editorial Approaches to Literary Text Evolution	Ústav pro českou literaturu AV ČR, v.v.i.	3	4. Social Sciences and Humanities
26-23222S	Mgr. Kateřina Pražáková, Ph.D.	The Communication Network and Everyday Life of a Saxon Agent in Rebellious Prague (1618–1620)	Jihočeská univerzita v Českých Budějovicích, Filozofická fakulta	3	4. Social Sciences and Humanities
26-23228S	Mgr. Marek Vlach, Ph.D.	Climate Susceptibility and Resilience in Protohistoric and Early Medieval Societies of the Middle Danube Region	Archeologický ústav AV ČR, Brno, v. v. i.	3	4. Social Sciences and Humanities
26-23240S	Mgr. Martin Hůla, Ph.D.	Aesthetic Perception of Flowers and Well-being: The Role of Age, Knowledge, and Flower Realness in Shaping Human Responses	Univerzita Karlova, Přírodovědecká fakulta	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-23302S	Mgr. Stanislav Ježek, Ph.D.	Temporal efficiency of various response scale formats in self-report psychological measures	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
26-23313S	Jan Hanousek, MA., Ph.D.	Retail investors, social media, and their impact on the market	Mendelova univerzita v Brně, Provozně ekonomická fakulta	3	4. Social Sciences and Humanities
26-23343S	prof. Roman Horvath, Ph.D.	Macroprudential policy: Benefits, side effects and limitations	Evropská výzkumná univerzita, z.ú.	3	4. Social Sciences and Humanities
26-23365S	Mgr. Stefan Segi, Ph.D.	Czech Literary Culture in Times of Transformation: Crime Fiction Between Late Socialism and Global Capitalism	Ústav pro českou literaturu AV ČR, v.v.i.	3	4. Social Sciences and Humanities
26-23458S	Mgr. Ludvík Valtr, Ph.D.	Investigating Anticipatory Postural Adjustments in Children with Developmental Coordination Disorder: Mechanisms, Learning Dynamics, and Intervention	Univerzita Palackého v Olomouci, Fakulta tělesné kultury	3	4. Social Sciences and Humanities
26-23465S	Mgr. Matyáš Havrda, Ph.D., DSc.	The Craftsman Within: Emergent Powers and Downward Causation in Ancient Medical and Peripatetic Theories	Filosofický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
26-23550S	Mgr. Jindřiška Bláhová, Ph.D.	Transforming Socialist Festival: Cultural, Economic, and Institutional History of the Karlovy Vary International Film Festival after 1989	Akademie múzických umění v Praze, Filmová a televizní fakulta	3	4. Social Sciences and Humanities
26-23579S	prof. RNDr. Josef Novotný, Ph.D.	Rethinking the Urbanisation-Migration Nexus	Univerzita Karlova, Přírodovědecká fakulta	3	4. Social Sciences and Humanities
26-23613S	Jiri Skypala, Ph.D.	A Novel Approach for Reducing Running Injuries: One-Year Longitudinal Study with Randomized Controlled Intervention Trial	Ostravská univerzita, Pedagogická fakulta	3	4. Social Sciences and Humanities
26-23619S	Mgr. Ondřej Sikora, Ph.D.	"Leben - Leib - Liebe". Modalities of Love in Nietzsche's Thought	Univerzita Palackého v Olomouci, Filozofická fakulta	3	4. Social Sciences and Humanities
26-23675S	doc. Mgr. Jan Chromý, Ph.D.	Processing and Use of Generic Masculine in Czech	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities
26-23728S	Clara Sievert	Culture and Economic Development in Sub-Saharan Africa	Ekonomický ústav AV ČR, v. v. i.	3	4. Social Sciences and Humanities
26-23752S	Mgr. Václav Kapsa, Ph.D.	Concert Life in Prague 1918-1938: Musical Agents and Discourses in a Changing Metropolis	Ústav dějin umění AV ČR, v.v.i.	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-23757S	Mgr. Albert Kšiňan, Ph.D.	SCALE: Self-Control—A cross-cultural Longitudinal Evaluation	Masarykova univerzita, Přírodovědecká fakulta	3	4. Social Sciences and Humanities
26-23955S	Jan Kulveit, Ph.D.	Bounded Rationality in Human-AI Systems	Univerzita Karlova, Centrum pro teoretická studia	3	4. Social Sciences and Humanities
26-24091S	Mgr. Elizabeth Woock, Ph.D.	Narrative Space in Comics and Graphic Novels	Univerzita Palackého v Olomouci, Filozofická fakulta	3	4. Social Sciences and Humanities
26-24212S	JUDr. Ondřej Hamulák, Ph.D.	Protecting the Individuals in the Digital Age: Human Dignity as a Legal Imperative	Univerzita Palackého v Olomouci, Právnická fakulta	3	4. Social Sciences and Humanities
26-20368S	prof. RNDr. Jan Vondráček, Ph.D.	Unknown aspects of toxic effects of metabolites and oxygenated derivatives of polycyclic aromatic hydrocarbons linked with AhR action	Biofyzikální ústav AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-20390S	doc. Mgr. Aleš Pečinka, Ph.D.	RAD60 - a new player in the maintenance of genome stability in plants	Ústav experimentální botaniky AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-20408S	prof. Mgr. Vladimír Remeš, Ph.D.	Species diversity anomalies: Key windows into the biogeography and assembly of ecological communities	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
26-20415S	RNDr. Jan Šafář, Ph.D.	Exploring the neglected role of VRN1 in barley development	Ústav experimentální botaniky AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-20428S	Dr Anne Daebeler	Two climate issues, one solution: Bacterial physiology for combined methane and nitrous oxide mitigation	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-20509S	doc. Mgr. Pavel Škaloud, Ph.D.	The colourful secrets of Synura: Decoding evolution and function of novel halogenated pigments	Univerzita Karlova, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-20524S	prof. RNDr. Martin Reichard, Ph.D.	Evolutionary arms race between cuckoo catfish and cichlid hosts	Ústav biologie obratlovců AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-20614S	prof. Ing. Otomar Linhart, DrSc.	Decoding the Role of Female Reproductive Fluids in Freshwater Fish Fertilization	Jihočeská univerzita v Českých Budějovicích, Fakulta rybářství a ochrany vod	3	5. Agricultural and Biological-Environmental Sciences
26-20632S	RNDr. Daniel Sojka, Ph.D.	Uncovering Non-Endolysosomal Proteolysis in the Tick Midgut	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-20649S	prof. Ing. Milena Stránská, Ph.D.	Milk thistle-based dietary supplements – liver protectants or hidden enemy?	Vysoká škola chemicko-technologická v Praze, Fakulta potravinářské a biochemické technologie	3	5. Agricultural and Biological-Environmental Sciences
26-20660S	Mgr. Petr Šmarda, Ph.D.	Biological role of endopolyploidy in flowering plants	Masarykova univerzita, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
26-20687S	RNDr. Pavel Šebek, Ph.D.	Exploring feeding strategies of saproxylic beetles using diet tracing methods. Do primary consumers of deadwood exist among beetles?	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-20697S	Ing. David Püschel, Ph.D.	Time for goodies - Spatial-temporal aspects of soil resource acquisition in mycorrhizal symbiosis	Botanický ústav AV ČR, v. v. i.	3	5. Agricultural and Biological-Environmental Sciences
26-20727S	Claire Duchet, Ph.D.	Deciphering Zooplankton Chemical Signalling: Compound Characterisation and Effects on Cyanobacterial Morphology and Toxicity	Jihočeská univerzita v Českých Budějovicích, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-20931S	RNDr. Terezie Mandáková, Ph.D.	Genomic affairs of promiscuous crucifers: Dissecting polyploid genome evolution, subgenome stability, and chromosomal dynamics in Cardamine	Masarykova univerzita, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
26-20951S	Radek Michalko	The impact of ash-dieback on food webs in ash plantations and natural forests	Mendelova univerzita v Brně, Lesnická a dřevařská fakulta	3	5. Agricultural and Biological-Environmental Sciences
26-20993S	doc. Ing. Hana Kocour Kroupová, Ph.D.	Do pollutants with thyroid receptor antagonistic activity increase the susceptibility of fish and amphibians to pathogens?	Jihočeská univerzita v Českých Budějovicích, Fakulta rybářství a ochrany vod	3	5. Agricultural and Biological-Environmental Sciences
26-21009S	prof. RNDr. Jitka Klimešová, CSc.	Parallel evolution of plant clonality: mechanisms and constraints	Botanický ústav AV ČR, v. v. i.	3	5. Agricultural and Biological-Environmental Sciences
26-21099S	Dr. Martina Slaninová Kyselková	Plasmidome structure of the Acinetobacter genus in relation to its ecological diversity	Mikrobiologický ústav AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-21131S	RNDr. Roman Kouřil, Ph.D.	Beyond expectations: uncovering a new mechanism for controlling Photosystem II antenna size	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
26-21313S	doc. RNDr. Aleš Vaněk, Ph.D.	SOLAR PANELS – A GLOBAL E-WASTE: TRACKING THE FATE AND BEHAVIOR OF EMERGING SOIL POLLUTANTS USING STABLE ISOTOPE PROXIES	Česká zemědělská univerzita v Praze, Fakulta agrobiologie, potravinových a přírodních zdrojů	3	5. Agricultural and Biological-Environmental Sciences
26-21340S	Mgr. Jan Jansa, Ph.D.	Soil nitrogen cycling as affected by arbuscular mycorrhizal fungi	Mikrobiologický ústav AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-21350S	prof. RNDr. Petr Pyšek, CSc.	Global environmental impacts of plant invasions (Gloim)	Botanický ústav AV ČR, v. v. i.	3	5. Agricultural and Biological-Environmental Sciences
26-21383S	RNDr. Martin Novák, CSc., MSc.	Causes of ¹⁵ N/ ¹⁴ N isotope differences among aerosol, fog, rime and vertical deposition: Toward robust Bayesian modeling of nitrogen sources	Česká geologická služba	3	5. Agricultural and Biological-Environmental Sciences
26-21397S	RNDr. Jan Mareš, Ph.D.	Plasmid-borne diazotrophy in basal filamentous cyanobacteria - a new adaptive freshwater niche?	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-21447S	Ing. Roman Franěk, Ph.D.	The Dynamic Interplay of Germ Cells and Somatic Cells Lineages in Gonadal Tissue Regeneration in Fish	Jihočeská univerzita v Českých Budějovicích, Fakulta rybářství a ochrany vod	3	5. Agricultural and Biological-Environmental Sciences
26-21453S	Mgr. Zuzana Urbanová, Ph.D.	Linking Methane Cycling to Plant Species and Organic Matter Quality: Restoring Peatland Function	Jihočeská univerzita v Českých Budějovicích, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
26-21469S	RNDr. Marek Šinkora, Ph.D.	Animal nutrition is critical for development of adaptive immunity	Mikrobiologický ústav AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-21526S	prof. Mgr. Marek Eliáš, Ph.D.	Unravelling the complex evolutionary history of a novel superclass of ochrophytes	Ostravská univerzita, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
26-21644S	doc. RNDr. Jakub Těšitel, Ph.D.	Ecology of the interactions between European mistletoe and its native and non-native hosts	Masarykova univerzita, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-21721S	RNDr. Lucie Raisová Stuchlíková, Ph.D.	Adaptation of nematodes to anthelmintic drugs in the environment	Univerzita Karlova, Farmaceutická fakulta v Hradci Králové	3	5. Agricultural and Biological- Environmental Sciences
26-21756S	prof. Ing. Vladimír Košťál, CSc.	Mitochondrial responses to seasonal cold acclimation and acute cold stress in <i>Drosophila</i> .	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological- Environmental Sciences
26-21800S	Dr. rer. nat Roey Angel	Just restin'? Quantifying microbial dormancy and growth in glacial forefield soils	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological- Environmental Sciences
26-21882S	Dr. Tito Damiani	Metabolomics-driven discovery of plant chemical novelty and its insecticidal potential	Ústav organické chemie a biochemie AV ČR, v.v.i.	3	5. Agricultural and Biological- Environmental Sciences
26-22059S	prof. Dr. Ing. Petra Patáková	The Nature of the Inhibitory Effect of <i>Monascus</i> Pigments on Bacteria of the Genus <i>Clostridium</i>	Vysoká škola chemicko- technologická v Praze, Fakulta potravinářské a biochemické technologie	3	5. Agricultural and Biological- Environmental Sciences
26-22183S	Flavia Landucci, PhD.	WetFlorVegChange: Floristic and Vegetation Changes in European Wetlands	Masarykova univerzita, Přírodovědecká fakulta	3	5. Agricultural and Biological- Environmental Sciences
26-22322S	Joëlle Goüy de Bellocq, Ph.D.	Eco-evolutionary dynamics of range expansion in the context of climate change: Insights from the Greater White-Toothed Shrew in the Czech Republic	Ústav biologie obratlovců AV ČR, v.v.i.	3	5. Agricultural and Biological- Environmental Sciences
26-22368S	Prof. RNDr. Vojtěch Novotný, CSc.	How alien plants establish themselves in the ecological succession of tropical rainforests: an experimental test in New Guinea	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological- Environmental Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-22781S	prof. RNDr. Andrea Vetešníková Šimková, Ph.D.	The role of microbiota-parasite interactions in the success of invasive freshwater fish	Masarykova univerzita, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
26-22791S	prof. RNDr. Petr Bureš, Ph.D.	From environmental filtering to repeatome arms races: what drives genome size evolution in flowering plants?	Masarykova univerzita, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
26-22812S	Ing. Jana Doudová, Ph.D.	Forest eutrophication and diversity loss: Revealing the hidden interplay between plants and litter	Česká zemědělská univerzita v Praze, Fakulta životního prostředí	3	5. Agricultural and Biological-Environmental Sciences
26-22822S	Dr Vladimír Trifonov	When Auto- and Allopolyploidy Meet: Fate of Parental Genomes and Meiotic Stabilization in Asexual Hybrids	Ústav živočišné fyziologie a genetiky AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-22858S	MVDr. Oldřich Tomášek, Ph.D.	Metabolic energy substrates in avian blood: sources of variation, impact on fitness, and role in life history evolution	Ústav biologie obratlovců AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-22878S	Pável Matos-Maraví	Evolutionary responses, eco-morphological variation, and rapid adaptation in butterflies flying at high elevation	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-22939S	prof. Ing. MgA. David Boukal, Ph.D.	Global change, freshwater snails and ecosystem effects: Will smaller invasive species dominate?	Jihočeská univerzita v Českých Budějovicích, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
26-22963S	doc. Ing. Martin Pšenička, Ph.D.	Biomolecular Deposits in Fish Yolk: Developmental Blueprint or Evolutionary Remnants?	Jihočeská univerzita v Českých Budějovicích, Fakulta rybářství a ochrany vod	3	5. Agricultural and Biological-Environmental Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-23106S	Mgr. Barbora Pafčo, Ph.D.	Emerging Parasitic Risks to Great Apes in Shared Landscapes: Surveillance and Solutions Through a One Health Lens	Ústav biologie obratlovců AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-23167S	Mgr. Filip Kolář, Ph.D.	Convergent adaptation to whole genome duplication in Brassicaceae	Univerzita Karlova, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
26-23212S	RNDr. Olga Vindušková, Ph.D.	DrySoilCarbon: The effect of drought on soil organic carbon dynamics: role of drought intensity, initial C content and other climate change factors	Univerzita Karlova, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
26-23285S	Marek Stibal, Ph.D.	Origin and Reactivity of Organic Matter in Sediments beneath the Greenland Ice Sheet	Univerzita Karlova, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
26-23352S	Ing. Klára Hoyerová, Ph.D.	Cytokinin riboside transporters as mediators of plant communication with beneficial microbes	Ústav experimentální botaniky AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-23397S	Ing. Hana Šimková, CSc.	Distal and proximal controllers of gene activity in barley	Ústav experimentální botaniky AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-23500S	Ing. Přemysl Pejchar, Ph.D.	Double Play in the Cell's Heart? Uncovering the molecular role of enigmatic plant-specific phospholipase A2-like in nuclear function	Ústav experimentální botaniky AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-23510S	Ing. Martin Potocký, Ph.D.	Two for the Price of One: Illuminating the Dual Role of Paralogous Exocyst Subunits in Plants	Ústav experimentální botaniky AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
26-23521S	prof. Mgr. et Mgr. Josef Bryja, Ph.D.	Mito-nuclear co-evolution and its consequences for species identification by DNA barcoding	Ústav biologie obratlovců AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
26-23628S	Ing. Lenka McGachy, Ph.D.	Mechanistic and Optimization Studies of Antiviral Drug Degradation in Water via Unactivated, Thermal, and Halide-Mediated Advanced Oxidation Processes	Vysoká škola chemicko-technologická v Praze, Fakulta technologie ochrany prostředí	3	5. Agricultural and Biological-Environmental Sciences