

Smíšená komise 8X20 MSTC Danube; Projekty s českou účastí navržené k podpoře

CZ (CZ Reg. Nr.)	NÁZEV projektu (Project Title)	Hlavní řešitel CZ (Principal Investigator CZ)	AT	SK	CZ	SRB	FR	Příjemce CZ (Beneficiary CZ)	CZ Partner 2	Partnerské instituce (Partner organizations AT, FR, SK, SRB)
8X20001	Multifunctional monolithic aerogels for efficient water purification	Vaclav SLOVÁK	n	A	A	A	n	University of Ostrava	Institute of Inorganic Chemistry of the Czech Academy of Sciences; J. Heyrovský Institute of Physical Chemistry of the CAS	University of Belgrade, Vinča Institute of Nuclear Sciences; Slovak University of Technology in Bratislava - Faculty of Chemical and Food
8X20003	Electrospun and carboobized lignin for electrochemical applications	Petr MIKEŠ	A	n	A	A	A	Technical University of Liberec	n	Kompetenzzentrum Holz GmbH; CNRS University of Bordeaux; University of Belgrade - Faculty of Physical Chemistry
8X20009	Metal-microorganisms interactions as a basis for progressive biotechnological processes	Vladimír ČABLÍK	n	A	A	A	n	VŠB Technical University of Ostrava	n	Pavol Jozef Šafárik University in Košice; University of Kragujevac, Faculty of Science
8X20018	Redox active metallocomplexes as catalysts for production of energetically rich materials	Pavel KURÁŇ	A	A	A	n	n	JEP University Ústí nad Labem	n	Slovak University of Technology in Bratislava - Faculty of Chemical and Food; University of Vienna - Institute of Inorganic Chemistry
8X20023	Impact of the digestion and absorption processes on the final biological activity of diet phytonutrients: real health added-value	Peter SLÁMA	n	A	A	n	A	Mendel University in Brno	n	University of Technology Compiegne; Slovak University of Agriculture in Nitra
8X20026	TraiN-SafeMDs: Training Network for improving knowledge on safety of medical devices - focus on oral cavity	Dagmar JÍROVÁ	A	A	A	n	n	National Institute of Public Health	n	Austrian Institute of Technology GmbH; Centre of Experimental Medicine of Slovak Academy of Sciences
8X20035	Advanced Microcantilevers from Wide Bandgap Materials	Alexander KROMKA	A	A	A	n	n	Institute of Physics CAS	n	Vorarlberg University of Applied Sciences; Institute of Electrical Engineering of SAS
8X20037	Exploration of nonlinear predictive control approaches for vehicle dynamics applications	Tomáš HANIS	A	A	A	n	n	Czech technical university in Prague	n	Technische Universität in Wien; Slovak Technical University of Bratislava
8X20041	Design and preparation of multifunctional magnetic nanoparticles for cancer cell detection	Jarmila VILČÁKOVÁ	n	A	A	A	A	Tomas Bata University in Zlín	n	Institute of Experimental Physics, SAS; Institute of Nuclear Sciences "VINCA"; Centre National de la Recherche Scientifique (CNRS)
8X20043	Time-Frequency Representations for Function Spaces (TIFREFUS – multilateral project)	Luboš PICK	A	n	A	A	A	Charles University, Faculty of Mathematics and Physics	Czech technical university in Prague	Faculty of Sciences University of Novi Sad, Serbia; Acoustic Research Institute Austrian Academy of Sciences; Aix-Marseille
8X20050	Multiscale design of novel Rare Earth free permanent magnets	Dominik LEGUT	A	A	A	n	n	VSB - Technical university Ostrava	n	Danube University of Krems, Department for Integrated Sensor Systems; Prešov University
8X20051	Accurate low-temperature spectroscopy of ammonia	Ondřej VOTAVA	n	A	A	n	A	J. Heyrovský Institute of Physical Chemistry of the CAS	n	Comenius University of Bratislava, Faculty of Mathematics; Université de Lille
8X20052	Analysis of soils suppressive to crop diseases in different agronomic contexts	Martina SLANINOVÁ KYSELKOVÁ	n	n	A	A	A	Institute of Microbiology of the CAS	n	University of Belgrade, Faculty of Agriculture; Université Lyon
8X20053	Preparation and characterisation of disordered materials for application in infrared spectra	Petr KOSTKA	n	A	A	A	A	Institute of Rock Structure and Mechanics CAS	Institute of Photonics and Electronics CAS	Slovak University of Technology in Bratislava; Faculty of Material Science and Technology in Trnava; University of Novi Sad, Faculty of Sciences; University of Rennes
8X20054	Experimental and simulation shielding studies of materials used in radiation protection	Karel KATOVSKÝ	n	A	A	A	n	Brno University of Technology	n	VINČA Institute of Nuclear Sciences; Slovak University of Technology in Bratislava