

Schválené návrhy společných česko-slovenských výzkumných projektů s dobou řešení 2011 - 2012

No.	PROJECT TITLE - ENGLISH	SLOVENIAN PRINCIPAL INVESTIGATOR	SLOVENIAN INSTITUTION	CZECH PRINCIPAL INVESTIGATOR	CZECH INSTITUTION	TOTAL GRANT FOR 2 YEARS SLOVENIAN SIDE	TOTAL GRANT FOR 2 YEARS CZECH SIDE	GRANT 2011	GRANT 2012
MEB 091104	Structure and properties of organoruthenium complexes active in anticancer treatment	Iztok TUREL	University of Ljubljana	Jaroslav BURDA	Charles University in Prague Faculty of Mathematics and Physics	Up to 3500 €	102000 CZK	51 000 CZK	51 000 CZK
MEB 091105	GIANT project: Geometric Interpolation and Approximation Techniques for advanced applications	Marjetka KRAJNC	Inštitut za matematiko, fiziko in mehaniko	Miroslav LAVIČKA	University of West Bohemia, Department of Mathematics, Faculty of Applied Science	Up to 3500 €	140000 CZK	70 000 CZK	70 000 CZK
MEB 091111	Slovenian and Czech national revival (1780-1848): the role of cultural planning, transnational cultural transfer and social networks	Marijan DOVIČ	Scientific research Centre of the Slovenian Academy of Sciences and Arts	Miloš ZELENKA	University of South Bohemia České Budějovice	Up to 3500 €	160000 CZK	80 000 CZK	80 000 CZK
MEB 091114	AE monitoring of resistance spot-welding quality	Janez GRUM	University of Ljubljana	Pavel MAZAL	Brno University of Technology	Up to 3500 €	160000 CZK	80 000 CZK	80 000 CZK
MEB 091120	Sonochemical syntheses and characterization of transition metal ferrites	Matjaž KRISTL	University of Maribor	Jiri PINKAS	Masaryk University Department of Chemistry	Up to 3500 €	118000 CZK	59 000 CZK	59 000 CZK
MEB 091125	Deposition and characterization of nanostructured hard coatings with tailored optical properties	Miha ČEKADA	"Jožef Stefan" Institute	Michal NOVOTNY	Institute of Physics Academy of Sciences of the Czech Republic, v.v.i.	Up to 3500 €	110000 CZK	55 000 CZK	55 000 CZK
MEB 091139	Study and further development of antimony- and bismuth-based electrodes for their application in advanced electroanalysis	Samo HOČEVAR	National Institute of Chemistry	Ivan ŠVANCARA	University of Pardubice Faculty of Chemical Technology Department of Analytical Chemistry	Up to 3500 €	160000 CZK	80 000 CZK	80 000 CZK
MEB 091141	Printed layers of titanium dioxide and their photocatalytic activity	Urška LAVRENČIČ ŠTANGAR	University of Nova Gorica	Michal VESELY	Brno University of Technology Faculty of Chemistry	Up to 3500 €	106000 CZK	53 000 CZK	53 000 CZK
MEB 091143	Nanomechanics and electrostatics of interactions of implants with living tissue	Aleš IGLIČ	University of Ljubljana	Matej DANIEL	Czech Technical University in Prague Faculty of Mechanical Engineering	Up to 3500 €	160000 CZK	80 000 CZK	80 000 CZK
MEB 091101	Spectral theory of linear operators and reflexivity	Bojan KUZMA	Institute of Mathematics, Physics and Mechanics	Calin AMBROZIE	Institute of Mathematics - AV CR	Up to 3500 €	160000 CZK	80 000 CZK	80 000 CZK

MEB 091102	New thermochromic composite systems for smart labels and security printing applications	Marta KLANJŠEK GUNDE	National Institute of Chemistry	Marie KAPLANOVA	University of Pardubice Faculty of Chemical Technology Department of Graphic Arts and Phtophysics	Up to 3500 €	160000 CZK	80 000 CZK	80 000 CZK
MEB 091115	Advanced algorithms for adaptive fuzzy control systems design	Igor ŠKRJANC	University of Ljubljana	Petr HUŠEK	Czech Technical University in Prague	Up to 3500 €	154000 CZK	77 000 CZK	77 000 CZK
MEB 091127	Support of scientific reasoning development of students and teachers in physics classes through active learning, multilayered interactive experiments and structured solution of problems	Gorazd PLANINŠIČ	University of Ljubljana	Leoš DVORAK	Charles University in Prague Faculty of Mathematics and Physics	Up to 3500 €	160000 CZK	80 000 CZK	80 000 CZK
MEB 091129	Investigation of the noise of thick-film pressure sensors	Marina SANTO ZARNIK	HIPOT-RR raziskave in razvoj tehnologij in sistemov, d.o.o.	Vlasta SEDLAKOVA	Brno University of Technology	Up to 3500 €	132000 CZK	66 000 CZK	66 000 CZK
MEB 091107	Post polymerisation hypercrosslinking of porous monolithic polymers	Peter KRAJNC	University of Maribor	Karel JERÁBEK	Institute of Chemical Process Fundamentals Czech Academy of Sciences	Up to 3500 €	160000 CZK	80 000 CZK	80 000 CZK