

SLOVENIAN-UKRAINIAN PROJECTS FOR THE PERIOD 2011 – 2012

No.	PROJECT TITLE	SLOVENIAN PRINCIPAL INVESTIGATOR	SLOVENIAN INSTITUTION	UKRAINIAN PRINCIPAL INVESTIGATOR	UKRAINIAN INSTITUTION
1	Application of L2-theory to symplectic topology	Dušan REPOVŠ	Institute of Mathematics, Physics, and Mechanics	Vladimir SHARKO	Institute of Mathematics National Academy of Sciences of Ukraine
2	Novel statistical, correlation and fractal approaches in medical image processing	Franjo PERNUŠ	University of Ljubljana Faculty of Electrical Engineering	Oleg ANGELSKY	Chernivtsi National University
3	Influence of hydrophobic and electrostatic interactions on hydration of macromolecules	Vojeslav VLACHY	University of Ljubljana Faculty of Chemistry and Chemical Technology	Yuri V.KALYUZHNYI	Institute for Condensed Matter Physics National Academy of Sciences of Ukraine
4	Molecular diversity and speciation in erpobdellid leeches (Annelida: Hirudinea: Erpobdellidae) of the Western Palaearctic: morphology, biogeography and evolution	Boris SKET	University of Ljubljana Biotechnical faculty	Sergiy UTJEVSKIY	V.N. Karazin Kharkiv National University
5	Conformational capacity of 2'-deoxyribonucleosides and 2'-ribonucleosides: a quantum-chemical study	Marjana NOVIČ	National Institute of Chemistry	Dmytro HOVORUN	Institute of Molecular Biology and Genetics National Academy of Sciences of Ukraine
6	Slovenia-Ukraine: Comparative aspects of coastal regions (18th-20th century)	Jože PIRJEVEC	University of Primorska Science and Research Centre of Koper	Oleksandr PRIGARIN	Odessa National University I. I. Mechnikov
7	Development of resource-saving treatment for nickel-containing wastewater	Marjana SIMONIČ	University of Maribor Faculty of Chemistry and Chemical Engineering	Gennadii KOTCHETOV	Kiev National University of Construction and Architecture
8	HAZ properties of welds in modern creep resistant steels	Vladimir GLIHA	University of Maribor Faculty of mechanical engineering	Petro YSANIY	Ternopil Ivan Pul'uj State Technical University Department of Materials Science
9	Tungsten carbide: fine powders obtaining and coatings deposition from melts, regeneration from industrial wastes	Melita TRAMŠEK	Jožef Stefan Institute	Igor ASTRELIN	Faculty of Chemistry & Technology National Technical University of Ukraine "Kyiv Politechnic Institute"