

LIST OF MENTHORS FOR YOUNG RESEARCHERS FOR 2011

No.	Fields of science	Code of researcher	Name and surname	Research area	e-mail
Natural sciences and mathematics					
1	Physics	7560	Prof. Dr. Maja Remškar	Research of nanomaterials, particularly inorganic nanotubes, for application in nanotechnology	maja.remskar@ijs.si
2	Experimental physics of elementary particles	8725	Prof. Dr. Peter Križan	Experimental elementary particle physics, development of detection methods	peter.krizan@ijs.si
3	Experimental physics of elementary particles	15641	Dr. Marko Bračko	Experimental Elementary Particle Physics, Measurements of rare decays of B and D mesons	marko.bracko@ijs.si
4	Chemistry	14680	Assoc. Prof. Dr. Jernej Iskra	Research on new methods of synthesis and chemistry of peroxides based on "green" chemistry and the use of organic peroxides as bioactive compounds	jernej.iskra@ijs.si
5	Chemistry	8027	Dr. Antonija Lesar	Research work of candidate will be oriented to the theoretical study of the mechanism for the radical reactions of the atmospheric relevance	antonija.lesar@ijs.si
Engineering sciences and technologies					
6	Materials science and technology	8012	Prof. Dr. Danilo Suvorov	Epitaxial growth of oxide materials using pulsed laser deposition	daniilo.suvorov@ijs.si
7	Materials science and technology	3477	Prof. Dr. Tomaž Kosmač	Inorganic nonmetallic materials / Research of engineering and bio –ceramics for dental restorations	tomaz.kosmac@ijs.si
8	Materials science and technology	10372	Prof. Dr. Darko Makovec	Functionalization of magnetic nanoparticles for biomedical applications and preparation of multifunctional nanocomposites	darko.makovec@ijs.si
9	Materials science and technology	4355	Prof. Dr. Spomenka Kobe	Study of one and two-dimensional intermetallic and magnetic nanostructures	spomenka.kobe@ijs.si
10	Materials science and technology	18271	Assoc. Prof. Dr. Miha Čekada	Inorganic nonmetallic materials/Deposition and characterization of nanostructured hard coatings	miha.cekada@ijs.si
11	Electronic components and technologies	13369	Assoc. Prof. Dr. Danjela Kuščer Hrovatin	Advanced materials and technologies for flexible electronic	danjela.hrovatin@ijs.si
12	Process engineering	7025	Prof. Dr. Leon Cizelj	Modeling the response of the nuclear power plant components to the thermal and mechanical loads	leon.cizelj@ijs.si
Interdisciplinary studies					
13	Interdisciplinary studies	5027	Prof. Dr. Milena Horvat	Environmental analytical chemistry: speciation of trace elements in industry	milena.horvat@ijs.si