

LIST OF MENTORS FOR YOUNG RESEARCHERS FOR 2015

No	Fields of science	Name and surname	Research area	e-naslov
1	Physics	prof. dr. Saša Prelovšek-Komelj	Elementary Particles Theory/Quantum Field Theory on the Lattice	sasa.prelovsek@ijs.si
2	Physics	prof. dr. Dragan D. Mihailović	Investigations of phase transitions in time.	dragan.mihailovic@ijs.si
3	Physics	prof. dr. Igor Serša	Magnetic resonance imaging	igor.sersa@ijs.si
4	Physics	prof. dr. Maja Remškar	Research of piezoelectric polymer nanocomposites for energy transformations	maja.remskar@ijs.si
5	Physics	dr. Klemen Bučar	Spectroscopy of atoms and molecules	klemen.bucar@ijs.si
6	Physics	prof. dr. Denis Arčon	Candidate will research phase transitions in strongly correlated electron systems	denis.arcon@ijs.si
7	Physics	prof. dr. Vid Bobnar	Dielectric and electromechanical properties of advanced organic and inorganic materials	vid.bobnar@ijs.si
8	Physics	doc.dr. Igor Mandić	Detectors for elementary particle physics	igor.mandic@ijs.si
9	Physics	prof. dr. Irena Drevenšek Olenik	Research training will take place in the field of thin films structures based on DNA nucleosides	irena.drevensek@ijs.si
10	Chemistry	doc. dr. Maja Ponikvar Svet	The research area of young researcher will be analytical chemistry of fluorine	maja.ponikvar-svet@ijs.si
11	Biochemistry and molecular biology	prof. dr. Veronika Stoka	Protease signaling in neurodegeneration and/or cancer	veronika.stoka@ijs.si
12	Biochemistry and molecular biology	doc. dr. Olga Vasiljeva	Development of novel approaches for targeting and treatment of cancer	olga.vasiljeva@ijs.si

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13	Biochemistry and molecular biology	prof. dr. Igor Križaj	Disorders of lipid storage and use in cancer and metabolic disease	igor.krizaj@ijs.si
14	Control and care of environment	dr. David Kocman	Environmental science	david.kocman@ijs.si
15	Control and care of environment	doc. dr. Ingrid Falnoga	Gene environmental interactions	ingrid.falnoga@ijs.si
16	Energy engineering	prof. dr. Ivan Aleksander Kodeli	Combined use of Monte Carlo and deterministic particle transport methods for nuclear applications	ivan.kodeli@ijs.si
17	Materials science and technology	prof. dr. Ingrid Milošev	Development of sustainable methods of corrosion protection of materials and their characterization	ingrid.milosev@ijs.si
18	Materials science and technology	doc. dr. Kristina Žužek Rožman	The young researchers thesis will be the synthesis of the electrochemical- and biosensors based on multifunctional hybrid nanomaterials and their applications	tina.zuzek@ijs.si
19	Materials science and technology	doc. dr. Darja Lisjak	Magnetic nanoparticles for bio-medical applications	darja.lisjak@ijs.si
20	Materials science and technology	dr. Matjaž Spreitzer	Interface characteristics in complex heterostructures	matjaz.spreitzer@ijs.si
21	Systems and cybernetics	prof. dr. Dani Juričić	Diagnostics and prognostics of technical systems	dani.juricic@ijs.si
22	Computer science and informatics	prof. dr. Marko Bohanec	Decision support systems	marko.bohanec@ijs.si
23	Computer science and informatics	dr. Mitja Luštrek	The young researcher will work on intelligent computer methods for the analysis of sensor data about human behavior	mitja.lustrek@ijs.si
24	Electronic components and technologies	prof. dr. Miran Mozetič	Interaction between biological materials and plasma-functionalized nanostructured carbon materials	miran.mozetic@ijs.si
25	Electronic components and technologies	doc. dr. Tadej Rojac	Modeling of multifunctional oxide materials and devices	tadej.rojac@ijs.si

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26	Manufacturing technologies and systems	dr. Andrej Gams	Learning of motion and control of exoskeleton robotic mechanisms in interaction with a human	andrej.gams@ijs.si
27	Process engineering	prof. dr. Leon Cizelj	Nuclear Engineering, nuclear safety	leon.cizelj@ijs.si