

## LIST OF MENTORS 2017

No.	Fields of science	Name of mentor	Research Area	E-naslov
1	Biochemistry and molecular Biology	dr. Jure Pražnikar		<a href="mailto:jure.praznikar@ijs.si">jure.praznikar@ijs.si</a>
2	Biochemistry and molecular Biology	prof. ddr. Boris Turk		<a href="mailto:boris.turk@ijs.si">boris.turk@ijs.si</a>
3	Biochemistry and molecular Biology	doc. dr. Olga Vasiljeva		<a href="mailto:olga.vasiljeva@ijs.si">olga.vasiljeva@ijs.si</a>
4	Biochemistry and molecular Biology	prof. dr. Igor Križaj	Pathophysiology of secreted phospholipases A2	<a href="mailto:igor.krizaj@ijs.si">igor.krizaj@ijs.si</a>
5	Electronic Components and Technologies	dr. Matjaž Panjan	Development and characterization of plasma sources for the preparation of thin films	<a href="mailto:matjaz.panjan@ijs.si">matjaz.panjan@ijs.si</a>
6	Electronic Components and Technologies	doc. dr. Tadej Rojac	Synthesis and characterization of BiFeO <sub>3</sub> -based piezoceramics for high-temperature applications	<a href="mailto:tadej.rojac@ijs.si">tadej.rojac@ijs.si</a>
7	Energy Engineering	dr. Igor Lengar	Research and development of methods, suitable for the determination of radiation and dose fields including the activation of materials in complex systems with a focus on nuclear fission and fusion reactors	<a href="mailto:igor.lengar@ijs.si">igor.lengar@ijs.si</a>
8	Energy Engineering	dr. Marko Štok	Environmental analytical chemistry	<a href="mailto:marko.stok@ijs.si">marko.stok@ijs.si</a>
9	Physics	dr. Nejc Košnik	Standard Model extensions, physics of quark and lepton flavor, lepton universality	<a href="mailto:nejc.kosnik@ijs.si">nejc.kosnik@ijs.si</a>
10	Physics	prof. dr. Viktor Kabanov		<a href="mailto:viktor.kabanov@ijs.si">viktor.kabanov@ijs.si</a>
11	Physics	doc.dr. Tomaz Mertelj	Experimental time-resolved optical spectroscopy in complex-electronic-structure solid-state materials	<a href="mailto:tomaz.mertelj@ijs.si">tomaz.mertelj@ijs.si</a>
12	Physics	prof. dr. Janez Štrancar		<a href="mailto:Janez.strancar@ijs.si">Janez.strancar@ijs.si</a>
13	Physics	prof. dr. Igor Muševič	Experimental physics of soft matter and liquid crystals, photonics	<a href="mailto:igor.musevic@ijs.si">igor.musevic@ijs.si</a>
14	Physics	dr. Miha Mihovilovič	Investigation of fundamental interactions between nucleons through the scattering of fast particles from the nuclear targets	<a href="mailto:miha.mihovilovic@ijs.si">miha.mihovilovic@ijs.si</a>

15	Physics	doc. dr. Sabina Markelj	Dynamics of hydrogen isotopes in materials relevant for fusion research	<a href="mailto:sabina.markelj@ijs.si">sabina.markelj@ijs.si</a>
16	Physics	prof. dr. Tomaž Apih	The research field will include solid state physics, magnetic resonance spectroscopy, and pharmaceutical chemistry	<a href="mailto:tomaz.apih@ijs.si">tomaz.apih@ijs.si</a>
17	Physics	prof. dr. Boštjan Zalar	Nuclear magnetic resonance of binary soft composites with thermomechanically, ferroelectrically, and magnetoelectrically active micro- and nanoparticles embedded in polymer matrices	<a href="mailto:bostjan.zalar@ijs.si">bostjan.zalar@ijs.si</a>
18	Physics	doc. dr. Anže Zupanc		<a href="mailto:anze.zupanc@ijs.si">anze.zupanc@ijs.si</a>
19	Physics	doc. dr. Alenka Mertelj	Research will be focused on experimental studies of soft matter, in particular complex magnetic fluids	<a href="mailto:alenka.mertelj@ijs.si">alenka.mertelj@ijs.si</a>
20	Chemistry	doc. dr. Gašper Tavčar		<a href="mailto:gasper.tavcar@ijs.si">gasper.tavcar@ijs.si</a>
21	Engineering Materials	prof. dr. Miran Čeh		<a href="mailto:miran.ceh@ijs.si">miran.ceh@ijs.si</a>
22	Engineering Materials	dr. Kristina Žagar Soderžnik		<a href="mailto:kristina.zagar.soderznik@ijs.si">kristina.zagar.soderznik@ijs.si</a>
23	Engineering Materials	dr. Matjaž Spreitzer	Piezoelectric Biomaterials for Electro-stimulated Regeneration	<a href="mailto:matjaz.spreitzer@ijs.si">matjaz.spreitzer@ijs.si</a>
24	Manufacturing Engineering	prof. dr. Leon Cizelj	Nuclear engineering and safety	<a href="mailto:leon.cizelj@ijs.si">leon.cizelj@ijs.si</a>
25	Manufacturing Technologies and Systems	doc. dr. Bojan Nemeč	Humanoid robotics - autonomous skill acquisition by imitation and reinforcement learning	<a href="mailto:bojan.nemec@ijs.si">bojan.nemec@ijs.si</a>
26	Manufacturing Technologies and Systems	prof. dr. Jan Babič	Human motor control in physical interaction with robotic systems	<a href="mailto:jan.babic@ijs.si">jan.babic@ijs.si</a>
27	Computer Engineering and Informatics	prof. dr. Roman Trobec	Parallel and distributed computing for big-data analytics and computer simulations	<a href="mailto:roman.trobec@ijs.si">roman.trobec@ijs.si</a>
28	Computer Engineering and Informatics	prof. dr. Marko Bohanec	Decision analysis, decision modelling and decision support systems	<a href="mailto:marko.bohanec@ijs.si">marko.bohanec@ijs.si</a>
29	Computer Engineering and Informatics	prof. dr. Bogdan Filipič	Intelligent computer systems with a focus on evolutionary algorithms and multi-objective optimization	<a href="mailto:bogdan.filipic@ijs.si">bogdan.filipic@ijs.si</a>
30	Environmental Protection	prof. dr. Nives Ogrinc	The use of stable isotope techniques of light and heavy elements for source identification, traceability and study of transformation process and fate of pollutants in the environment, health and food	<a href="mailto:nives.ogrinc@ijs.si">nives.ogrinc@ijs.si</a>

31	Environmental Protection	doc. dr. Tina Kosjek	Young researcher will establish nontarget analysis of emerging organic chemicals in relation to their health impact	<a href="mailto:tina.kosjek@ijs.si">tina.kosjek@ijs.si</a>
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