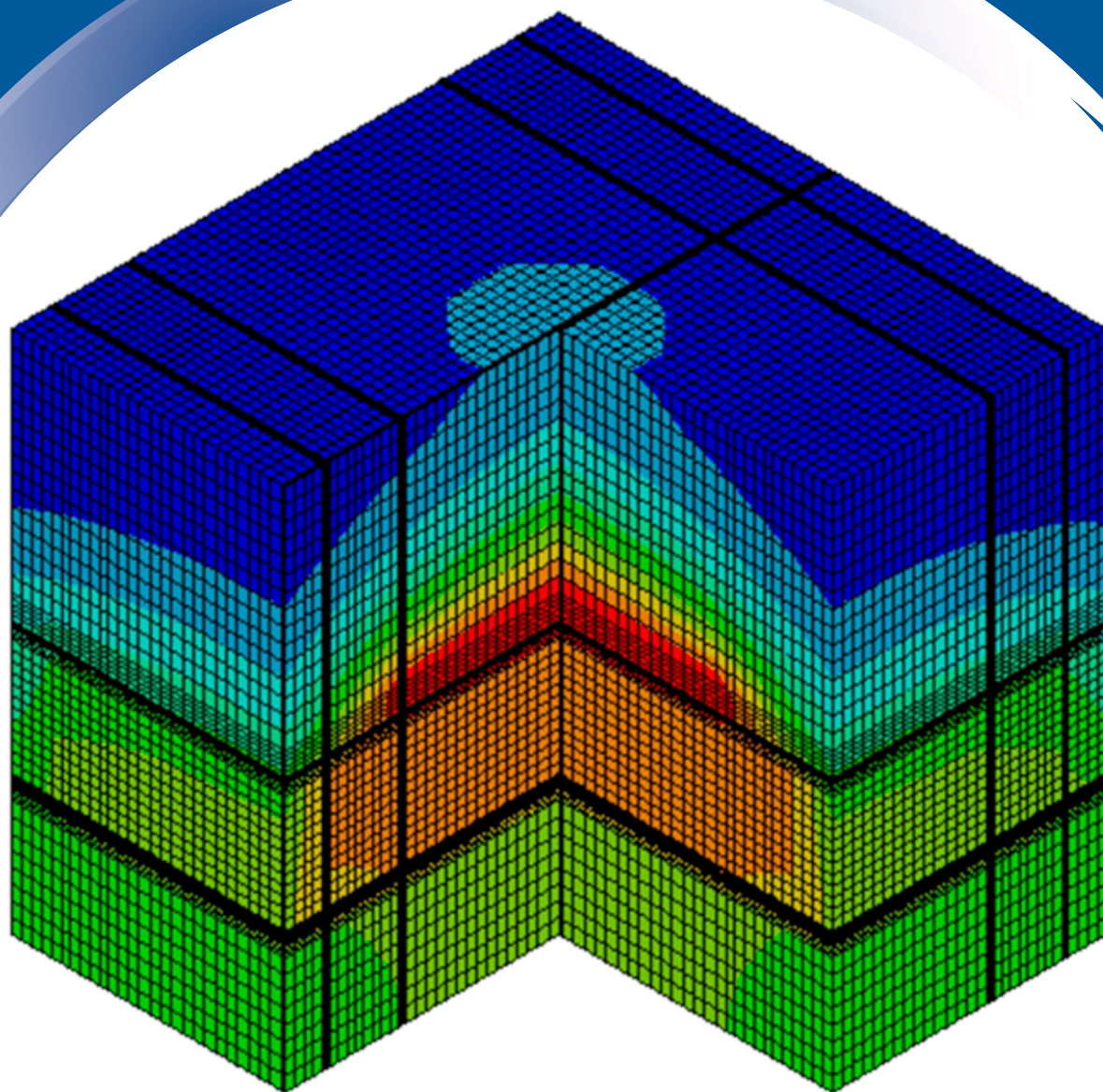


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## *Doctoral theses on Microelectronics, Electronic Components and Materials in Slovenia in 2018*

*Univerza v Ljubljani / University of Ljubljana*

*Fakulteta za elektrotehniko / Faculty of Electrical Engineering*

1	Avtor Author	Klemen Strojan		
	Naslov Title	<b>Proteomska karakterizacija nanodelcev za ovrednotenje njihove citotoksičnosti in imunotoksičnosti ter razvoj novih vrst nanodelcev</b>		
		Proteomic characterization of nanoparticles for evaluation of their cytotoxicity, immunotoxicity and development of new types of nanoparticles		
	Mentor Supervisor	Viš. zn. sod. dr. Mojca Pavlin	Somentor Co-Supervisor	Znan. sod. dr. Vladimir B. Bregar
2	Avtor Author	Jaka Ogorevc		
	Naslov Title	<b>Sledljivost do mednarodnega sistema enot v biomedicinski merilni instrumentaciji</b>		
		Traceability to SI in biomedical measuring instrumentation		
	Mentor Supervisor	Prof. dr. Janko Drnovšek		
3	Avtor Author	Aljaž Kramberger		
	Naslov Title	Avtonomno učenje robotskih operacij v kontaktu z okolico		
		<b>Autonomous learning of robot actions in contact with the environment</b>		
	Mentor Supervisor	Izr. prof. dr. Aleš Ude		
4	Avtor Author	Tadeja Forjanič		
	Naslov Title	<b>Modeliranje biološkega odziva na elektroporacijo v elektrokemoterapiji in genski terapiji</b>		
		Modeling the biological response to electroporation for electrochemotherapy and gene therapy		
	Mentor Supervisor	Prof. dr. Damijan Miklavčič		

5	Avtor Author	Dejan Knez		
	Naslov Title	Računalniško podprto načrtovanje in analiza vstavitve pedikularnih vijakov na podlagi medicinskih slik hrbtenice <b>Computer-assisted design and analysis of pedicle screw placement based on medical images of the spine</b>		
	Mentor Supervisor	Izr. prof. dr. Tomaž Vrtovec		
6	Avtor Author	Kristina Bašnec		
	Naslov Title	<b>Termokromni indikatorji temperaturnega nihanja živil v hladni verigi</b> Thermochromic indicators of temperature abuse in cold food chain		
	Mentor Supervisor	Izr. prof. dr. Marta Klanjšek Gunde	Somentor Co-Supervisor	Prof. dr. Peter Raspor
5	Avtor Author	Nasr Hassan Khedr Gad		
	Naslov Title	Načrtovanje širokopasovnih ravninskih tiskanih anten z necelimi ravninami mase za večpasovno uporabo <b>Design of wideband planar printed antennas using defected ground structures for multiband applications</b>		
	Mentor Supervisor	Prof. dr. Matjaž Vidmar		

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1	Avtor Author	Robert Brezovnik		
	Naslov Title	<b>Vpliv preklopne frekvence sistema za uporovno točkovno varjenje na varilni tok in na izgube</b> The impact of switching frequency of a resistance spot welding system on welding current and power losses		
	Mentor Supervisor	Izr. prof. dr. Jožef Ritonja		
2	Avtor Author	Andraž Javernik		
	Naslov Title	<b>Hitri merilni sistemi na osnovi Fabry-Perotovih interferometrov</b> High-speed Fabry-Perot sensor interrogation system		
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3	Avtor Author	Dunja Srpak		
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4	Avtor Author	Primož Sukič		
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	Mentor Supervisor	Prof. dr. Barbara Malič	Somentor Co-Supervisor	Prof. dr. Vid Bobnar

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