

Табела. 9.6. Компетентност наставника

Име и презиме		Радовић В Зоран		
Звање		редовни професор		
Ужа научна област		физика кондензоване материје		
Академска каријера	Година	Институција	Област	Ужа научна односно уметничка област
Избор у звање	2007	Физички факултет, Универзитет у Београду	физика	Теорија кондензоване материје/Физика кондензоване материје
Докторат	1995	Физички факултет, Универзитет у Београду	физика	Физика кондензоване материје
Магистратура	1973	Физички факултет, Универзитет у Москви	физика	Физика кондензоване материје
Мастер диплома				
Диплома	1970	Физички факултет, Универзитет у Москви	физика	Физика кондензоване материје
Списак предмета које наставник држи на докторским студијама				
Р.Б.	Ознака	Назив предмета		
1	ФИЗДФКМ10	Физика суперпроводности		
2	ФИЗДФКМ3	Методе квантне теорије поља у физици кондензоване материје		
Најзначајнији радови у складу са захтевима допунских услова стандарда за дато поље (минимално 10 не више од 20)				
1	J. Wu, O. Pelleg, G. Logvenov, A. T. Bollinger, Y-J. Sun, G. S. Boebinger, M. Vanevic, Z. Radovic, and I. Bozovic, "Anomalous independence of interface superconductivity from carrier density", Nature Materials 12, 877 (2013)			P
2	M. Vanevic, Z. Radovic, and V. G. Kogan, "Early stages of magnetization relaxation in superconductors", Physical Review B 87, 144501 (2013)			
3	M. Knezevic, L. Trifunovic, and Z. Radovic, "Signature of the long range triplet proximity effect in the density of states", Physical Review B 85, 094517 (2012)			
4	L. Trifunovic, Z. Popovic, and Z. Radovic, "Josephson effect and spin-triplet pairing correlations in SF1F2S junctions", Physical Review B 84, 064511 (2011)			
5	L. Trifunovic and Z. Radovic, "Long-range spin-triplet proximity effect in Josephson junctions with multilayered ferromagnets", Physical Review B 82, 020505(R) (2010)			
6	M. Milovanovic, E. Dobardzic, and Z. Radovic, "Meron ground states of quantum Hall droplets", Physical Review B 80, 125305 (2009)			
7	V. Y. Butko, G. Logvenov, N. Bozovic, Z. Radovic, and I. Bozovic, "Madelung strain in cuprate superconductors - a route to enhancement of the critical temperature", Advanced Materials 21, 3644 (2009)			
8	Z. Radovic, N. Bozovic, and I. Bozovic, "Photoinduced expansion of cuprate superconductors: Evidence of strong electron-lattice coupling", Physical Review B 77, 092508 (2008)			
9	M. Gaass, S. Nadj-Perge, Z. Radovic, A. Bauer, M. Aprili, W. Wegscheider, C. Strunk, "Bistability in superconducting rings containing an inhomogeneous Josephson junction", Physical Review B 77, 024506 (2008)			
10	I. Petkovic, N. Chtchelkatchev, and Z. Radovic, "Resonant amplification of the Andreev process in ballistic Josephson junctions", Physical Review B 73, 184510 (2006).			
Збирни подаци научне активност наставника				
Укупан број цитата, без аутоцитата			1300	
Укупан број радова са SCI (или SSCI) листе			64	
Тренутно учешће на пројектима			Домаћи 1	Међународни
Усавршавања			LPS Universite Paris-Sud, France Iowa State University (Ames Lab), USA Universite Bordeaux 1, France University of Crete Heraklion, Greece Brookhaven National Laboratory NY, USA	
Други подаци које сматрате релевантним Рецензент часописа Physical Review, Physical Review Letters Дописни члан САНУ од 2009. године, Редовни члан САНУ од 2018. године				

Table. 9.6 Teachers' competences

Name and family name		Zoran V Radović		
Title		Full professor		
Narrow scientific area		Condensed matter physics		
Academic career	Year	Institution	Area	Narrow scientific or art area
Election to the title	2007	Faculty of Physics, University of Belgrade	Physics	Condensed matter physics
PhD	1995	Faculty of Physics, University of Belgrade	Physics	Condensed matter physics
Master degree	1973	Faculty of Physics, Moscow State University Lomonosov	Physics	Condensed matter physics
Master diploma				
Diploma	1970	Faculty of Physics, Moscow State University Lomonosov	Physics	Condensed matter physics
List of subjects the teacher is lecturing in doctoral studies				
No.	Mark	Subject name		
1	ФИЗДФКМ10	Physics of superconductivity		
2	ФИЗДФКМ3	Quantum field theory methods in condensed matter physics		
The most significant papers, in compliance with the requirements of the additional requirements of the standard for the given field (minimum 10, not more than 20)				
1	J. Wu, O. Pelleg, G. Logvenov, A. T. Bollinger, Y-J. Sun, G. S. Boebinger, M. Vanevic, Z. Radovic, and I. Bozovic, "Anomalous independence of interface superconductivity from carrier density", Nature Materials 12, 877 (2013)			R
2	M. Vanevic, Z. Radovic, and V. G. Kogan, "Early stages of magnetization relaxation in superconductors", Physical Review B 87, 144501 (2013)			
3	M. Knezevic, L. Trifunovic, and Z. Radovic, "Signature of the long range triplet proximity effect in the density of states", Physical Review B 85, 094517 (2012)			
4	L. Trifunovic, Z. Popovic, and Z. Radovic, "Josephson effect and spin-triplet pairing correlations in SF1F2S junctions", Physical Review B 84, 064511 (2011)			
5	L. Trifunovic and Z. Radovic, "Long-range spin-triplet proximity effect in Josephson junctions with multilayered ferromagnets", Physical Review B 82, 020505(R) (2010)			
6	M. Milovanovic, E. Dobardzic, and Z. Radovic, "Meron ground states of quantum Hall droplets", Physical Review B 80, 125305 (2009)			
7	V. Y. Butko, G. Logvenov, N. Bozovic, Z. Radovic, and I. Bozovic, "Madelung strain in cuprate superconductors - a route to enhancement of the critical temperature", Advanced Materials 21, 3644 (2009)			
8	Z. Radovic, N. Bozovic, and I. Bozovic, "Photoinduced expansion of cuprate superconductors: Evidence of strong electron-lattice coupling", Physical Review B 77, 092508 (2008)			
9	M. Gaass, S. Nadj-Perge, Z. Radovic, A. Bauer, M. Aprili, W. Wegscheider, C. Strunk, "Bistability in superconducting rings containing an inhomogeneous Josephson junction", Physical Review B 77, 024506 (2008)			
10	I. Petkovic, N. Chtchelkatchev, and Z. Radovic, "Resonant amplification of the Andreev process in ballistic Josephson junctions", Physical Review B 73, 184510 (2006).			
Cumulative data of scientific activity of the teacher				
Total number of citations, without self citations		1300		
Total number of papers on the SCI (or SSCI) list		64		
Current participation in projects		Domestic 1	International	
specialization		LPS Universite Paris-Sud, France Iowa State University (Ames Lab), USA Universite Bordeaux 1, France University of Crete Heraklion, Greece Brookhaven National Laboratory NY, USA		
Other information you consider to be important Referee for Physical Review, Physical Review Letters Member of the Serbian Academy of Sciences and Arts				

Maximum length may not be over 1 A4 page