

Jovana Petrović - CV

CONTACT INFORMATION	Vinča Institute of Nuclear Sciences Mike Petrovića Alasa 12-14 11000 Belgrade, Serbia	E-mail: jovanap@vin.bg.ac.rs Mob: +381 (0)63 511 955 Web: www.vin.bg.ac.rs/pstar
WORK EXPERIENCE	2011 - present Research Associate Professor, P* Group, Institute Vinca Duties: research, student supervision, project management, grant-proposal preparation	
5 YRS SERBIA 3 UK	2012 - present EC expert, FP7 and Horizon 2020 Duties: Project evaluation and reviewing	
5 EUR. COMM. 1.5 ITALY 0.5 GERMANY	2015 - present Technical consultant, Heart Beam, Inc., US Duties: ECG signal processing and statistical analysis	
	2010 - 2011 Post-doctoral Research Fellow European Laboratory for Nonlinear Spectroscopy, Italy Duties: research, student supervision, grant-proposal preparation	
	2007 - 2009 Post-doctoral Research Associate Atomic and Laser Physics, University of Oxford, UK Duties: research, project and laboratory management, grant-proposal preparation, student instruction	
	2006 - 2007 Post-doctoral Research Fellow Photonics Research Group, Aston University, UK Duties and responsibilities: research	
	2002 July-Aug Summer Student Programme, DESY, Hamburg, Germany 2001 Oct-Nov Internship, Inst. of Optics and Light Technology, Ilmenau, Germany	
EDUCATION AND QUALIFICATIONS	2008 - 2009 Postgraduate Diploma in Learning and Teaching in Higher Education Institute of Learning, University of Oxford, UK	
	2002 - 2006 Ph.D. in Optical Physics and Photonics Aston Institute of Photonic Technologies, UK	
	1997 - 2002 Diploma in Applied Physics: Optoelectronics and Laser Engineering School of Electronic Engineering, Univ. of Belgrade, Serbia, GPA 9.68/10	
RESEARCH INTERESTS	theory, mathematical and numerical modelling of laser-matter interactions and cold atoms; ultrafast lasers and parametric amplifiers, coherent control, spectroscopy; Bose-Einstein condensation, cold-atom interferometry; laser writing of photonic components; optical-fibre grating and microchannel sensors	

TEACHING
6 PHDS
3 MASTERS

Student supervision:
2 PhDs (Univ. of Belgrade)
Dr Nevena Raicevic (2015), Dr Marija Ivanovic (2014)
2 Masters (Univ. of Belgrade)
MSc Violeta Prodanovic (2013), MSc Vladimir Atanasoski (2012)
Assistant to supervisor: 4 PhDs (3 Oxford, 1 Florence), 1 Master (Oxford)
Thesis examiner: 2 PhDs (Belgrade)
PhD course in Biophotonics: Integrated and fibre optical sensors, Univ. of Belgrade

PROJECT
MANAGEMENT

Project leader
Bilateral project Serbia-Italy: Multi-State Atom Interferometers, 2013-2015
Management Committee Member
COST MP 1205: Advances in Optofluidics, 2013 - 2016
Sub-project leader (PI Prof. Hadzievski)
Photonics of micro- and nano-structured materials, III 45010, Serbia, 2011 - 2015
Lead scientist of the Oxford node (PI Prof. Walmsley)
Coherent control of the formation of ultracold molecules, EPSRC UK, 2007 - 2009

PROJECT
PARTICIPATION

CARDIALLY, Horizon ITN RISE, 2016 - 2019
Nano-optics for molecules on chip (CHIMONO), FP7 ICT, 2010 - 2011
Physics of complex phenomena in plasmas, condensed matter and nonlinear optics, Ministry of Science of Serbia, P 141034, 2006 - 2010
Shaping of short laser pulses, Franco - British Partnership Programme, 2008 - 2009
Advanced fs-laser machining and inscription, Technology Strategy Board UK, 2007

PERSONAL
GRANTS AND
AWARDS

Stephenson Distinguished Visitor Programme, DESY, Hamburg, Germany, 2016
LaserLab Grant, Atom interferometry at LENS, 2014-2015
L'Oreal For Women in Science Scholarship, Serbia, 2011
British Council Researcher Exchange Programme Grant, 2009
Aston University Colours for Exceptional Committee Service, 2006
Overseas Research Student Award, UK Government, 2003 - 2005
Scholarship for gifted students, City Council of Krusevac, Serbia, 1996 - 2003
Norwegian Embassy Award to the best student in the class, Serbia, 2002
The Best Student Award, School of Physical Electronics, Univ. of Belgrade, 2002

CONFERENCE
ORGANIZATION

V International School and Conference on Photonics - PHOTONICA 2015,
Scientific and Organization Committees
XIX Symposium on Condensed Matter Physics - SFKM 2015,
Organization Committee
International Conference on the Physics of Optical Materials and Devices - ICOM 2012,
Programme and Organization Committee
III International School and Conference on Photonics - PHOTONICA 2015,
Organization Committee

REVIEWER Optics Express
FOR 11 JOURNALS New Journal of Physics
Journal of Optics
Optics Communications
Journal of Modern Optics
Journal of Physics D
Photonics Technology Letters
Sensors
Journal of Micromechanics and Microengineering
Physica Scripta
Optical Quantum Electronics

AFFILIATIONS Member of the Optical Society of America
Fellow of the Higher Education Academy, UK
Member of the Optical Society of Serbia
Member of the Physical Society of Serbia

LANGUAGES Serbian: native
English: fluent
German: B 2.1
Italian: B 2.2
Spanish: passive
Russian: passive