

Dušan Joksimović

ASSISTANT PROFESSOR, UNIVERSITY OF BELGRADE, FACULTY OF MATHEMATICS

CURRENT POSITION **University of Belgrade**, Belgrade, Serbia
Assistant Professor, *since Jan '24*
Department for Mathematical Analysis

PREVIOUS APPOINTMENTS **Université Paris-Saclay**, Orsay, France
ANR Postdoctoral Fellow, *Jan '23 - Dec '23*
- *Supervisor*: Rémi Leclercq
- *Official supervisor*: Frédéric Bourgeois

Sorbonne Université, Paris, France
ERC Postdoctoral Fellow, *Jan '21 - Dec '22*
- *Supervisor*: Sobhan Seyfaddini

EDUCATION **Utrecht University**, Utrecht, The Netherlands
Ph.D. in Mathematics, *Nov '16 - Oct '20*
- *Title*: Locally uniform existence of leafwise fixed points for C^0 -small Hamiltonian flows & generating systems of symplectic capacities
- *Advisor*: Fabian Ziltener
- *Official supervisor*: Marius Crainic

University of Belgrade, Belgrade, Serbia
Master Studies in Mathematics, *Oct '15 - Jun '16*
- GPA: 10/10 (Overall)
- *Advisor*: Darko Milinković

University of Belgrade, Belgrade, Serbia
Bachelor in Mathematics, *Oct '11 - Sep '15*
GPA: 10/10 (Overall)

RESEARCH INTERESTS Symplectic geometry: C^0 -symplectic geometry, coisotropic submanifolds, symplectic dynamics

PUBLICATIONS AND PREPRINTS *C^0 -rigidity of Poisson diffeomorphisms*, **Letters in Mathematical Physics**, Volume 113, art. no. 69, DOI: 10.1007/s11005-023-01696-6

(with S. Seyfaddini) *A Hölder-type inequality for the C^0 distance and Anosov-Katok pseudo-rotations*, **IMRN**, Volume 2024, Issue 8, Pages 6303–6324, DOI:10.1093/imrn/rnad103

(with F. Ziltener) *Generating sets and representability for symplectic capacities*, **J. Symplectic Geom.**, vol. 20, no. 4, 2022, 837-909

No symplectic Lipschitz structures on $S^{2n \geq 4}$, **Internat. J. Math.** 33 (2022), no. 5, Paper No. 2250036, 10 pp.

(with I. Mărcuț) *Non-degeneracy of the Hofer norm for Poisson structures*, **J. Symplectic Geom.**, Vol. 19, No. 5 (2021), pp. 1095-1100.

INVITED RESEARCH VISITS	Univeristé Paris-Saclay, Orsay, France	<i>Jun '24</i>
	Utrecht University, Utrecht, The Netherlands	<i>Jan '23</i>
	Utrecht University, Utrecht, The Netherlands	<i>Jun '22</i>
	ETH, Zürich, Switzerland	<i>Dec '19</i>

AWARDS & ACHIEVEMENTS	<ul style="list-style-type: none">- Accolade for exceptional success during Master studies, Faculty of Mathematics, University of Belgrade, awarded in 2016.- Silver Medal at International Mathematical SEEMOUS competition, Athens, Greece, 2013- Accolade for exceptional success during undergraduate studies, Faculty of Mathematics, University of Belgrade, awarded in 2013, 2014, and 2015. <p>-Scholarships</p> <ul style="list-style-type: none">• Scholarship from Gulbenkian Foundation for attending the summer school in Dynamical systems in Lisbon, Portugal, July 2015• Scholarship of the City of Belgrade, 2008-2015• Scholarship from Hemofarm Foundation, 2013• Scholarship of Ministry of Education, Science and Technological Development of Republic of Serbia for extremely gifted students, 2008-2010• Scholarship of Ministry of Education, Science and Technological Development of Republic of Serbia, 2012-2015
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TEACHING EXPIRIENCE	Assistant Professor at University of Belgrade	<i>since Jan '24</i>
	<ul style="list-style-type: none">- Analysis 1, a first-year undergraduate course for students of informatics, 2024- Introduction to non-smooth analysis, a second-year undergraduate course, 2024	
	Teaching assistant at Utrecht University	<i>Nov '16 - Oct '20</i>
	<ul style="list-style-type: none">- Symplectic geometry, a second-year master course, 2017, 2019 and 2020- Measure Theory, a third-year undergraduate course, 2019- Multiple Variable Analysis, a second-year undergraduate course, 2017 and 2018- Functions and Series, a second-year undergraduate course, 2018 and 2020- Calculus A, a first-year undergraduate course, 2019	
	Teaching assistant at the University of Belgrade	<i>Oct '15 - Oct '16</i>
	<ul style="list-style-type: none">- Analysis 2A, a second-year undergraduate course, 2016- Analysis 3, a second-year undergraduate course for the students of informatics, 2016- Analysis 1, a first-year undergraduate course, 2016	
	Teaching assistant at Petnica Science Center	<i>May '15 - Oct '16</i>

- Giving lectures and tutoring high school students on workshops in mathematics

TALKS GIVEN	- Workshop on Symplectic Topology, University of Belgrade	<i>Aug '23</i>
	- Symplectic working seminar, IMJ-PRG, Sorbonne Université	<i>Mar '23</i>
	- Séminaire Géométrie Topologie Dynamique, Univeristé Paris-Saclay	<i>Mar '23</i>
	- Friday Fish Seminar, Utrecht University	<i>Jan '23</i>
	- UGC Seminar, Utrecht University	<i>Jan '23</i>
	- Seminar on Symplectic Dynamics, Ruhr-Universität Bochum	<i>Nov '22</i>
	- Seminar on Symplectic geometry, University of Belgrade	<i>Nov '22</i>
	- Geometry seminar, University Lyon 1	<i>Oct '22</i>
	- Workshop on Symplectic topology, University of Belgrade	<i>Aug '22</i>
	- Biannual meeting of the “Algebraic Analysis” team of IMJ, Sorbonne Université	<i>Oct '21</i>
	- Workshop on Symplectic topology, University of Belgrade	<i>Aug '21</i>
	- BACH seminar (online), Ruhr-Universität Bochum	<i>Jun '21</i>
	- Symplectix seminar (online), Institut Henri Poincaré, Paris	<i>Mar '21</i>
	- Friday Fish seminar (online), Utrecht University	<i>Feb '21</i>
	- Workshop on Symplectic topology, University of Belgrade	<i>Aug '19</i>
	- Workshop on Symplectic topology, University of Belgrade	<i>Aug '18</i>

ORGANIZATION	Workshop on Symplectic Topology, University of Belgrade	<i>Aug '24</i>
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