

Curriculum Vitae of Dragana Ilić

Personal data

- Name and surname: Dragana Ilić
- Present professional position: Associate professor
- Degree: PhD in Astrophysics
- Affiliation: Department of Astronomy, Faculty of Mathematics, University of Belgrade, Serbia
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Professional Experience and Education

- 2017 - to date: Associate Professor, Faculty of Mathematics, University of Belgrade
- 2020 – 2023: Fellow of the Alexander von Humboldt Foundation, University of Hamburg, Germany
- 2009 – 2017: Assistant Professor, Faculty of Mathematics, University of Belgrade
- 2003 – 2009: Teaching assistant, Faculty of Mathematics, University of Belgrade
- October 2008: PhD degree at the University of Belgrade and University of Padova – joint supervision (title "*Plasma Diagnostics in the Broad Line Region of Active Galaxies using Emission Lines*", supervisors: Dr Luka Č. Popović, Dr Stefano Ciroi)
- December 2005: Magister degree (Master of Science) at the University of Belgrade (title "*Kinematical and physical properties of central emission regions of active galaxy Mrk 817*", thesis Dr Luka Č. Popović)
- Since March 2002: Participate in the research project "*Astrophysical spectroscopy of extragalactic object*", PI: Luka Č. Popović (Astronomical Observatory, Belgrade)
- 1997 – 2002: Bachelor studies – Astrophysics, Faculty of Mathematics, University of Belgrade

Research visits and scholarships

- 2014, 2015: One-month research visits to the Special Astrophysical Observatory of the Russian Academy of Science, Russia (dr Alla I. Shapovalova) – supported by the L’Oreal UNESCO for Women in Science
- 2011 – 2017: Visiting scholar at Department of Astronomy, University of Padova (Italy), and Department of Physics, University Tor Vergata, Roma (Italy) within the Erasmus Mundus Joint Master Course "*Astromundus*"
- 2009, 2011, 2012: One-month research visits to the University of Goettingen, Germany
- 2008, 2011, 2017: Short research and observational visits (two weeks) to the Special Astrophysical Observatory of the Russian Academy of Science, Russia (dr Alla I. Shapovalova) – supported by the Russian Academy of Science
- 2007-2008: Five-month research visit to the Max-Planck Institute for Radioastronomy, Bonn, Germany
- 2006-2007: Six-month research visit to the Department of Astronomy, University of Padova, Italy – fellowship from the Italian Ministry of Foreign Affairs
- 2002: Research scholarship for postgraduates of the Ministry of Science and Environmental Protection of the Republic of Serbia

The total number of references is ~140 (books, papers in referred journals, conference proceedings and other journals), out of which **63 peer-reviewed; number of citations** is over 900 without self-citations (source: Astrophysical Data System (ADS), Harvard, see <http://adswww.harvard.edu>); **h-index: 21**.

Teaching experience

- Courses given at the University of Belgrade: *Active Galactic Nuclei, Physics of Gaseous Nebula and Active Galactic Nuclei, Introduction to Extragalactic Astronomy, Astrophysical Techniques, General Astrophysics*
- Visiting lecturer at the University of Padova on the course *Astronomical Spectroscopy*
- Training of students in observational techniques at different observatories (Vidojevica Serbia, Rozhen Bulgaria)
- *Astronomy* in the final grade of the advanced physics curriculum in High School "Zemunska gimnazija" Serbia

Supervision of student thesis and participation in thesis examination committees

- Currently supervises 2 PhD thesis;
- Supervised 1 PhD thesis and 4 Master thesis to completion;
- Participated in roughly 30 thesis reading/defense committees (master and PhD) at the University of Belgrade (Serbia), University of Padova (Italy), University of Ghent (Belgium), University of Strasbourg (France), University of Rome "Tor Vergata" (Italy), University of Western Sydney (Australia)

Awards

2014: L'Oreal UNESCO for Women in Science National Scholarship

2008: Award of Astronomical Observatory in Belgrade for *best young researchers*

Current International Projects:

- 2021- to date: Project Manager of the Serbian AGN (SER-SAG) In-kind contribution to Vera Rubin Legacy Survey in Space and Time (LSST) project
- 2021- to date: Project Manager for University of Belgrade of Erasmus+ Erasmus Mundus European Joint Masters Programme in Master in Astrophysics and Space Science (MASS);
- Science Team Member of the AGN and TVS Science Collaborations of LSST (<https://www.lsst.org>, since 2020), Manuakea Spectroscopic Explorer (MSE, <https://mse.cfht.hawaii.edu>, since 2018), Wide-field spectroscopic telescope (WST, since 2023);

Previous International Projects:

- 2021: Co-PI of "Building Deep Learning Engine for AGN Light-Curves", awarded by the LSSTC Enabling Science Program (<https://www.lsstcorporation.org/enabling-science-program-2021-award-recipients>)
- 2019-2021: PI of the DAAD bilateral agreement with the University of Goettingen
- 2020-2022: PI of the bilateral agreement with the NAO Rozhen (Science Academy of
- 2009-2019: Project Manager for University of Belgrade of **Erasmus+** Erasmus Mundus European Joint Masters Programme in Astrophysics "ASTROMUNDUS" (<http://www.astromundus.eu/>)
- Since 2019: Management Committee Member of COST Action CA18104 "Revealing the Milky Way with Gaia"
- 2012-2015: Management Committee Member of the project: Cost Action MP1104 "Polarization as a tool to study the Solar System and beyond" (<http://www.polarisation.eu>)
- 2009-2012/2007: Participant in the projects supported by the Alexander von Humboldt Foundation in the frame of the Research Group Linkage programme and the Fritz Thyssen Foundation through *Special Programme for Academic Recovery in South Eastern Europe* (PI: Luka C. Popovic)

Academic service (refereeing, organization of conference, outreach)

- Observing experience: 6m telescope at Special Astrophysical Observatory (Russia), 2m telescope at Rozhen Observatory (Bulgaria), 1.4m telescope at Vidojevica (Serbia)
- Referring papers for international scientific journals and project proposals for national agencies (e.g., Research Foundation – Flanders, Belgium; National Science Centre Poland)
- Co-editor of the Conference Proceedings: 1) EPJ D, 2021; 2) Baltic Astronomy, No 20, 2011 "*Proceedings of the Serbian Conference on Spectral Line Shapes in Astrophysics*"; 3) Publications of the Astronomical Observatory, No 86 (1-434), 2009 "*Proceedings of the 15th National Conference of Astronomers of Serbia*"
- Co-Chair of the Scientific Organizing Committee of the international series of conference "Serbian Conference on Spectral Line Shapes in Astrophysics" 2011 - 2021 (<http://www.scslsa.matf.bg.ac.rs>) and Summer School and International Symposium on the Physics of Ionized Gases (SPIG 2016-2020)
- Co-chair of the SOC and LOC of the advanced school "The current and future observing facilities: a guided tour, Belgrade, 2-7 September 2018 (<https://ease2018school.wordpress.com>)
- Member of Scientific Organizing Committee of international conferences (e.g. Revisiting narrow-line Seyfert 1 galaxies and their place in the Universe, Italy 2018 (<https://pos.sissa.it/328/>), AGN and Polarymetry, France 2020 (<https://polagn.astro.unistra.fr>))
- Since 2015: Coordinator for International Cooperation for the Faculty of Mathematics University of Belgrade
- Service to International Astronomical Union (IAU): Chair of the National Committee (2014-2017), Serbia Coordinator for IAU IYA 2009 Global Project "From Earth to the Universe"; since 2021 IAU OAE - NAEC Team Serbia Coordinator;
- Member of: International Astronomical Union, European Astronomical Society, Serbian Astronomical Society, Humboldt Club Serbia, Alumni of the Vatican Observatory Summer School;
- Outreach activities: main organizer of astrophotography competition, exhibitions, public talks, TV series;

Languages:

- English: excellent spoken and written (Cambridge University "Certificate in Advance English")
- Italian: excellent spoken and written (C1 level, *Università per Stranieri dante Alighieri*, Italy)
- German: very good level of spoken and written (B2 level, *did Deutsche Institute*, Germany)
- Serbian: native