



Dr. Darko Donevski

POSITION	1. <i>Research Assistant Professor (NCN Junior Team Lead) at NCBJ, Warsaw, PL</i> 2. <i>Visiting Research Scientist at SISSA, Trieste, IT</i>	
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Education & Academic Employments

EDUCATION	PhD in Astrophysics and Cosmology (10/2015-10/2018) <i>AIX-Marseille University, Marseille, France</i> PhD thesis: <i>Selection and Characterisation of the Distant Dusty Galaxies in Herschel Cosmological Surveys</i> Primary Advisor: Prof. Veronique Buat (LAM, Marseille) Secondary Advisor: Dr. Matthieu Bethermin (LAM, Marseille)
	MSc(with honours) in Physics and Astronomy (10/2012-10/2013) <i>University of Novi Sad, Faculty of Science, Serbia</i>
FIELDS OF RESEARCH	Extragalactic astronomy and cosmology; Formation of dusty galaxies in the early Universe; Dust abundance of the interstellar medium; The role of outflows in the baryonic cycle; Galaxy protoclusters; Spectral energy distribution modelling
ACADEMIC EMPLOYMENT	Research Assistant Professor (Since 01/2021) <i>Astrophysics Division, National Centre for Nucleaer Research, Warsaw, Poland</i> <ul style="list-style-type: none">• Team Lead/ PI on the project Dusty Giants funded by the NCN starting grant SONATA; Project scope: Formation of dust in the early universe Postdoctoral Research Grant Holder (01/2019 - 12/2021) <i>International School for Advanced Studies, SISSA, Trieste, Italy</i> <ul style="list-style-type: none">• Evolution of Dusty Galaxies Accross Cosmic Time; Scientific host: Prof. Andrea Lapi (SISSA, Trieste) Research Associate (10/2015 - 10/2018) <i>Laboratory of Astrophysics Marseille (LAM), Marseille, France</i>
MOBILITY	Postdoctoral Visiting Research Fellow (01/2020 - 06/2020) <i>Dunlap Institute for Astronomy & Astrophysics, University of Toronto, Canada</i> Doctoral Visiting Research Fellow (01/2016 - 04/2016) <i>IRAP, Toulouse, France</i> Research Student (11/2013 - 05/2014) <i>Leiden Observatory, University of Leiden, Netherlands</i>

Science Achievements & Track Record

SCIENCE TRACK RECORD	<p>Research publication metrics: 33 publications (26 published + 7 articles under review), g-index=16, h-index=9; Citations to 1st-authored papers = 90</p> <p>ORCID link; Google Scholar link; ADS link</p>
RESEARCH HIGHLIGHTS	<ul style="list-style-type: none"> • Lead the first study of dust evolution in quiescent galaxies identified over the last 6 billion years of cosmic history (Article) • Lead the project that was the first to find an evidence of a double origin of a cosmic dust in the early Universe (Press Release ) • Co-author of the study confirming the most distant outflow of a molecular hydroxyl gas from a dusty quasar (Press Release ) • Team member on the project that discovered the most distant protocluster of dusty galaxies (Press Release )
RESEARCH GRANTS & AWARDS	<p>Individual research grants (total of ~300 000,00 EUR through projects)</p> <ul style="list-style-type: none"> • SONATA NCN starting grant(~ 290k EUR), NCBJ, Warsaw (2022-2024) • Dunlap visiting research fellowship (6k CAD), University of Toronto (2020) <p>Research fellowships</p> <ul style="list-style-type: none"> • Postdoctoral research fellowship, SISSA, Trieste (2018) • LABEX-OCEVU foundation doctoral stipend, AIX-Marseille University (2015-2018) <p>Awards</p> <ul style="list-style-type: none"> • European Astronomical Society (EAS) conference travel grant (600 EUR) (2019) • EXIT foundation student research grant (2011)
SUPERVISION OF DOCTORAL STUDENTS	<p>As a main advisor:</p> <p>(1) Giuliano Lorenzon (1st year PhD student@Astro Division, NCBJ, Warsaw); Topic: Evolutionary pathways of quiescent galaxies at $z > 2$; (since 11/2022)</p> <p>(2) Krzysztof Lisiecki (1st year PhD student@Astro Division, NCBJ, Warsaw); Topic: Feedback timescales in quenched galaxies at high-redshifts with the James Webb Space Telescope; (since 11/2022)</p>
ASSISTING IN CO-MENTORING	<p>Co-mentor: 3rd year PhD student, Laya Ghodsi (UBC, Vancouver, Canada); Topic: Circumgalactic medium around dusty galaxies in clusters; Thesis main supervisor: Prof. A. Man (UBC, Vancouver) (since 10/2021)</p>
ACCEPTED TELESCOPE PROPOSALS	<p>270+ hours of observing time allocated: ~ 120 hours as a PI (instruments: NOEMA interferometer, KMOS VLT, ALMA interferometer, JCMT SCUBA-2, IRAM 30m telescope, IRAM NIKA2)</p>
OBSERVATION EXPERIENCE	<p>100+ hours of observing nights: (instruments: IRAM 30m telescope, GMRT interferometer, NOEMA interferometer)</p>
ORGANISATION OF SCIENTIFIC MEETINGS	<ul style="list-style-type: none"> • Dust In Trieste (main organizer and meeting chair) (Trieste, 22-26/04/2024) • Dust lifecycle - EAS special session (co-organizer) (Krakow, 14/07/2023)

- SELECTED INVITED SEMINARS
- Invited review talk; ENGAGE Workshop; ESA, Madrid, Spain, (September 2023)
 - Invited talk; SIMBA Workshop; Flatiron Institute, New York, USA (May 2023)
 - Invited colloquium, University of Warsaw, Poland (May 2023)
 - Invited colloquium, Kavli Institute for Astronomy, Beijing, China (December 2021)
 - Invited colloquium, Fermilab CPC, USA, (February 2021)
 - Invited seminar, Saint Mary's University, Halifax, Canada (October 2020)
 - Invited online colloquium, University of Southampton, UK (September 2020)
 - Invited colloquium, NCBJ, Warsaw, Poland (May 2020)
 - Invited colloquium, Dunlap institute, University of Toronto, Canada (July 2019)
 - Invited colloquium, CAAUL, University of Lisbon, Portugal (December 2018)
 - Invited colloquium, Macquarie University, Australia (July 2017)
 - Invited colloquium, The Open University, Milton Keynes, UK (May 2017)
- CONTRIBUTED TALKS AT CONFERENCES & WORKSHOPS
- Dust evolution & feedbacks; Engage ESAC workshop, Madrid, Spain (September 2023)
 - LSST5Europe, Porec, Croatia (September 2023)
 - The ISM evolution in the cosmic web, SIMBA workshop, New York, USA (May 2023)
 - Massive galaxy evolution, Euclid workshop, Naples, Italy (September 2022)
 - The rise of metals and dust in galaxies, LAM, Marseille, France (October 2020)
 - The art of measuring galaxy physical properties, Milano, Italy (November 2019)
 - GEE6, Trieste, Italy (October 2019)
 - EWASS, Lyon, France (June 2018)
 - The birth and death of massive galaxies, Favignana Island, Italy (September 2018)
 - HELP Cosmic Censuses Meeting, University of Sussex, Brighton, UK (October 2017)
 - OCEVU Workshop, Montpellier, France (September 2017)
 - Twenty Years of Submillimetre Galaxies, SMG20, Durham, UK (August 2017)
 - A Cosmic Census of the Galaxies in the Distant Universe, Leiden (June 2016)
- PROFESSIONAL MEMBERSHIPS
- International Astronomical Union (IAU) (since 2023)
 - European Astronomical Society (EAS) (since 2017)
 - Euclid telescope consortium (since 2022)
(Member of the working group "Galaxies in different environments")
 - LSST collaboration (since 2022)
(Member of the "LSST-Galaxies" working group)
 - WST telescope consortium (since 2023)
(Member of the "Extragalactic science" working group)


Teaching and Communicating Science

- TEACHING IN INTERNATIONAL INSTITUTIONS
- (At the University Level)**
- Galaxy Formation & Evolution (Summer Term 2023/2024)
NCBJ Graduate School, University of Warsaw
 - 30 hours of lectures to doctoral students in physics & astronomy
 - Masterclass: Effective Science Communication (Winter Term 2021; 2022; 2023)
CPN, Belgrade, Serbia
 - Authored (60 hours) masterclass for PhD students and young researchers [🔗](#)
 - How to plan, write and communicate your science (Winter Term 2019/2020)
SISSA, Trieste, Italy
 - Crash course for doctoral students.


Galaxy Evolution and Infrared Astronomy (July/August 2018 & 2019)
Petnica International Summer Institute, Petnica, Serbia
• Crash course (10 days) developed for international doctoral students.


Introduction to Radio Astronomy (Fall 2014)
University of Novi Sad, Serbia

(At the Pre-University Level)

Expert Associate in Science Education (From 2015-present)
Petnica Science Centre, International centre for science education 
• Lecturing the Astronomy course to undergrad students.

SCIENCE WRITING EXPERIENCE **Contributing Science Writer (Columnist)** (From 2015-present)
Center For the Promotion of Science, CPN, Belgrade, Serbia
• Author of award-winning columns and essays that are published on a monthly basis for the popular science magazine "Elements." Science writing statistics: 40+ authored essays, including stories with Nobel laureates and awarded artists.

OUTREACH AND KNOWLEDGE TRANSFER **Science Podcasts**
• Author and co-host of educational radio podcast "Radio Galaxy"  (2018-2020)

Selected Public Lectures
• Konwersatorium FUW, Warsaw (2023, "[Galaxies in the early Universe with JWST](#)")
• Professional and Communications Training for Scientists (ICTP, Trieste, 2022; )
• SISSA for schools (2020, 2021)
• Mapping the future (BOS, Belgrade, 2020)
• Science Festival (Belgrade, 2020, "[Exploring the distant Universe](#)")
• Universe for children (Toronto, Canada, May 2020)
• CPN Astronomy Workshop ([How to find the distant galaxies?](#), Belgrade, 2019)
• TEDx speaker (2016, [TEDx Vrsac](#))
• Secret lives of maps (Tacka susretanja, Vrsac, Serbia 2015)
• Science cafe (CPN, Belgrade, Serbia, 2015)

OUTREACH ORGANISATIONS (1) International science centre Petnica; (2) Balkan Network of Science Journalists

HUMAN LANGUAGES Serbian (native); English (working proficiency); Italian (intermediate); French (intermediate)