

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>	
CONTACT	Astrophysics Division National Centre for Nuclear Resaerch (NCBJ) Ludwika Pasteura 7 02-093 Warsaw Poland	ORCID ID: 0000-0001-5341-2162 Email1: darkdonevski@gmail.com Email2: darko.donevski@ncbj.gov.pl Webpage: www.darkodonevski.com Phone: +39 34 871234 85
COUNTRY OF RESIDENCE	Italy	

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 12/2021) <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: The dust-rich quiescent galaxies identified in the distant universe with the JWST Postdoctoral Research Grant Holder (01/2019 - 12/2021) <i>International School for Advanced Studies, SISSA, Trieste, Italy</i> <ul style="list-style-type: none">• Cosmic evolution of dusty galaxies; Scientific supervisor: Prof. Andrea Lapi (SISSA, Trieste) Research Associate (10/2015 - 10/2018) <i>Laboratory of Astrophysics Marseille (LAM), Marseille, France</i> Teaching Assistant (06/2014 - 10/2015) <i>Department of Physics, University of Novi Sad, Serbia</i>

MOBILITY




- Postdoctoral Visiting Research Fellow** (01/2020 - 06/2020)
Dunlap Institute for Astronomy & Astrophysics, University of Toronto, Canada
- Research Student** (11/2013 - 05/2014)
Leiden Observatory, University of Leiden, Netherlands

Science Achievements & Track Record
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SCIENCE TRACK RECORD

Research publication metrics: 32 publications (26 published+6 articles under review), g-index=15, h-index=9; Citations to 1st-authored papers = 89
[ORCID link](#); [Google Scholar link](#); [ADS link](#)

RESEARCH HIGHLIGHTS

- 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

Individual research grants (total of ~300 000,00 EUR through projects)

- [SONATA NCN starting grant](#)(~ 290k EUR), NCBJ, Warsaw (since 2022)
- Dunlap visiting research fellowship (6k CAD), University of Toronto (2020)

Research fellowships

- Postdoctoral research fellowship, SISSA, Trieste (2018)
- LABEX-OCEVU foundation doctoral stipend, AIX-Marseille University (2015-2018)

Awards

- European Astronomical Society (EAS) conference travel grant (600 EUR) (2019)
- EXIT foundation student research grant (2011)

SUPERVISION OF DOCTORAL STUDENTS

As a main advisor:

- (1) Giuliano Lorenzon (1st year PhD student@Astro Division, NCBJ, Warsaw);
 Topic: Cosmic evolution of dusty ISM in massive galaxies; (since 10/2022)
- (2) Krzysztof Lisiecki (1st year PhD student@Astro Division, NCBJ, Warsaw);
 Topic: Feedback timescales in quenched galaxies at high-redshifts with James Webb Space Telescope; (since 10/2022)

ASSISTING IN CO-MENTORING

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)

ACCEPTED TELESCOPE PROPOSALS

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)

OBSERVATION EXPERIENCE	100+ hours of observing nights: (instruments: IRAM 30m telescope, GMRT interferometer, NOEMA interferometer)
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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> • 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 <i>NCBJ Graduate School, University of Warsaw</i>	(Summer Term 2023/2024)

- 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


- Writing columns and essays on monthly basis for popular science magazine "Elements". More than 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 (elementary)

REFEREES

Prof. Veronique Buat (LAM, Marseille) *PhD Advisor*; **Email**: vbuat@lam.fr
 Prof. Andrea Lapi (SISSA, Trieste) *Post-Doc Advisor*; **Email**: lapi@sissa.it
 Prof. Allison Man (University of British Columbia, Vancouver); **Email**: aman@phas.ubc.ca
 Prof. Agnieszka Pollo (NCBJ, Warsaw); **Email**: agnieszka.pollo@ncbj.gov.pl