

Karina Isabel Caputi
Curriculum Vitæ
July 2025

Contact Details

Prof. dr. Karina I. Caputi
Kapteyn Astronomical Institute
University of Groningen
P.O. Box 800
9700 AV Groningen
The Netherlands

Electronic mail: karina@astro.rug.nl, k.i.caputi@rug.nl

Web: <http://www.astro.rug.nl/~karina/>

Higher Education

- 2001-2004 Ph.D. in Astronomy, The University of Edinburgh, UK.
Degree Award date: 21 June 2005
- 1995-1998 Licenciatura en Física (BPhys + MPhys), Instituto Balseiro, Bariloche, Argentina.
Degree Award date: 18 December 1998.
- 1993-1995 First two years of Licenciatura en Física at the University of Buenos Aires,
in preparation for admission at Instituto Balseiro.
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Appointments

- 04.2022-present Full Professor, Kapteyn Astronomical Institute,
University of Groningen (RuG), The Netherlands.
- 05.2016-03.2022 Associate Professor, Kapteyn Astronomical Institute,
University of Groningen (RuG), The Netherlands.
- 06.2019-present Zero-appointment Associate Staff, Research Excellence Center Cosmic Dawn,
University of Copenhagen/DTU-Space, Denmark.
- 02.2012-04.2016 Assistant Professor and Rosalind Franklin Fellow, Kapteyn Astronomical
Institute, University of Groningen (RuG), The Netherlands.
- 10.2009-12.2011 SUPA and Leverhulme Trust Early Career Fellow, Institute for Astronomy,
The University of Edinburgh, UK.
- 09.2006-09.2009 Post-doctoral Researcher, Institute of Astronomy, ETH Zurich, Switzerland.
- 11.2004-08.2006 Post-doctoral Researcher, Institut d'Astrophysique Spatiale, Orsay, France.
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Career Break

- 09.2018-12.2018 Maternity Leave.
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Fellowships, Awards and Honours (selected)

- 2024 RAS Group Achievement Award to JWST-MIRI Team.
- 2022 NWO Vici Grant.
- 2022 NWO Aspasia Prize.
- 2015 ERC Consolidator Grant.
- 2014 NWO TOP Grant (C2).
- 2012 NASA/ESA Significant Achievement Award for work in JWST/MIRI Testing Campaign.
- 2011 Rosalind Franklin Fellowship, University of Groningen, The Netherlands.
- 2009 Leverhulme Trust Early Career Fellowship, UK.
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Grants (selected)

2022-2027	<i>The First Steps of Galaxy Evolution</i> , NWO Vici Grant. Award: EUR 1.5M
2022-2027	NWO Aspasia Prize. Award: EUR 120k
2016-2021	<i>Galaxy Buildup in the Young Universe: from the First Billion Years through the Peak Activity Epoch</i> , ERC Consolidator Grant. Award: EUR 1.9M
2015-2018	<i>Mapping the Peak Star Formation Activity of the Universe with New Nanotechnological Devices</i> , NWO TOP Grant (PI Caputi; 0 co-Is). Award: ca EUR 217k
2015-2017	Spitzer Exploration Science Program (PI Caputi), NASA Grant for US-based co-Is: ca. u\$s 315k
2012-2016	Rosalind Franklin Fellowship start-up pack (PI Caputi; 0 co-Is): EUR 250k

Research Interests

Galaxy formation and evolution at high redshifts. Stellar mass assembly. Star formation, black-hole activity and their evolution with cosmic time. IR-selected galaxies. Multiwavelength follow-up. The physics of the interstellar medium.

Summary of Academic Publications

I am an author of **200+** refereed publications with a total of **25000+** citations, including **60+** first-author/leading co-author research papers

My Hirsch index is **H=75**. Source: NASA ADS.
My D-index is **D=95**. Source: Research.com.

Professional Membership

- Member of the International Astronomical Union.
 - Member of the European Astronomical Society.
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PhD Student Supervision

As Main Supervisor:

09.2024-present	Abigail Tumborang (expected PhD defence: Sep.2028)
10.2023-present	Ryan Cooper (expected PhD defence: Oct.2027)
10.2022-present	Rafael Navarro Carrera (expected PhD defence: Oct.2026)
10.2020-06.2024	Pierluigi Rinaldi (PhD defence: Dec.2024)
10.2019-09.2023	Sophie van Mierlo (PhD defence: March.2023)
09.2017-09.2021	Giulio Rosani (PhD defence: Jan.2022)
09.2013-08.2017	Laura Bisigello (PhD defence: Nov.2017).
09.2012-08.2016	Wouter Karman (PhD defence: Oct.2016, <i>cum laude</i>).

As Co-Supervisor:

09.2024-present	Mi Chen (expected PhD defence: Oct.2028)
06.2020-12.2024	Fernanda Roman de Oliveira (PhD defence: Jan.2025)
02.2019-02.2022	Fangyou Gao (PhD defence: Nov.2022)
01.2017-01.2021	Pietro Olmo Piana (PhD defence: June.2021)
06.2011-11.2014	Gergö Popping (PhD defence: Nov.2014, <i>cum laude</i>).

Undergraduate Student Supervision

I have supervised ca. 30 BSc and MSc research projects to date.

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Postdoc Supervision

As Main Supervisor:

10.2024-present	Dr. Guillaume Desprez
12.2022-12.2024	Dr. Josephine Kerutt
10.2020-09.2024	Dr. Edoardo Iani
10.2022-06.2024	Dr. Vasily Kokorev
06.2022-06.2024	Dr. Guang Yang
11.2020-07.2022	Dr. Tomoko Suzuki (Canon Foundation Fellow)
10.2017-10.2020	Dr. Gabriel Bartosch Caminha
09.2017-08.2018	Dr. Laura Bisigello
11.2016-09.2018	Dr. William Cowley
05.2015-04.2018	Dr. Soh Ikarashi

As Co-Supervisor:

06.2023-present	Dr. Yuming Fu (Leiden University)
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Recent Invited Seminars and Talks (selected)

02.2025	<i>Warm Dust in the First Few Billion Years</i> Invited Talk at “Dusting off the Secrets of the COSMOS with PRIMA” Marseille, FR.
02.2024	<i>Star Formation in Galaxies accross Cosmic Times</i> Invited Talk at JWST Symposium, Pontifical Academy of Sciences.
01.2024	<i>JWST and ALMA Results on High-z Galaxies</i> Invited Talk at the Allegro Annual Meeting, NL.
03.2023	<i>Unveiling the Secrets of the Early Universe with the JWST</i> Invited Kaiser Spring (Public) Lecture, Leiden Observatory, NL.
10.2022	<i>The First Steps of Galaxy Evolution</i> Invited Game Changer Seminar, ISSI Bern, CH.
11.2021	Invited speaker for the Munich Joint Astronomy Colloquium (JAC)
07.2018	<i>Defining High-z Galaxy Evolution Science for the Era of JWST and Euclid</i> Invited Talk at “The Near, The Far, and the In-between: Synergy between low and high-z galaxy evolution studies in the era of JWST and EUCLID”, ESA ESTEC, Noordwijk, NL.
05.2018	<i>High-z Galaxy Evolution Studies with VLT/MUSE,</i> Invited Talk at the Nederlandse Astronomenconferentie (NAC) 2018, Groningen, NL.
08.2017	<i>Exploring the High-z Universe with ESO Telescopes,</i> Invited Talk at the Conference “Reaching New Heights in Astronomy”, ESO, Garching, DE.
06.2017	<i>Overview of JWST High-z GTO Programmes,</i> Invited Talk at the Special Session “Preparing the JWST Era”, EWASS2017, Prague, CZ.
06.2017	<i>The Link between AGN and Massive Galaxy Growth in the Early Universe: the Unique Far-IR Probe,</i> Invited Talk at the Symposium “Science with a large cooled FIR Space Observatory”, EWASS2017, Prague, CZ.
03.2017	<i>Galaxy Stellar Mass Assembly in the Early Universe,</i> Invited Talk at the Conference “Science with HST and JWST V”, Venice, IT.

Activities for Key Astronomical Facilities (selected)

2018-	Member, Euclid Consortium.
2017-	Member, ELT/MOSAIC Consortium.
2010-	NL Co-I, JWST/MIRI European Guaranteed Time Science Consortium.

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Teaching Activities (selected)

2012-present	Lecturer, Physics of Galaxies, Interstellar Medium (BSc), Starburst Galaxies, Cosmic Star Formation History, Formation and Evolution of Galaxies (MSc), RuG.
2021	Guest VWO Lecturer on High- z Galaxies, organized by the Dutch Physical Society (NNV).
2017	Runner Up Astronomy Teacher of the Year, RuG
2016	Invited Lecturer at Honours College, Faculty of Mathematics and Natural Sciences, RuG.
2015	Awarded Teaching Qualification for Dutch Universities (BKO).
2013-2015	Lecturer, Scientific Writing course for PhD students, RuG.
2012	Invited Lecturer, NOVA PhD Fall School. Course: <i>Star Formation in Galaxies through Cosmic Times</i> .

Recent Professional Service (selected)

The Netherlands:

2020-present	Main Coordinator (former Deputy), NOVA Network 1 “Galaxies and Cosmology”.
2024	Panel Member, VICI Grant, NWO.
2024-present	BC1 Committee Member, FSE, RuG.
2023-present	Member/Chair of the PhD Support Committee (PBC) at the Kapteyn Astronomical Institute.
2020	Panel Member, VIDI Grant, NWO.
2019-present	Chair, NOVA Submillimetre Strategy Group.
2018-2023	Member (Astro Co-Chair in 2022), Board of Examiners, Astronomy/Physics, RuG.
2017-2021	Chair, Graduate School Programme Committee, FSE, RuG.
2017-2020	Chair/Member, ALMA NL Node (Allegro) Steering Committee.
2017	Panel Member, VENI Grant, NWO.
2016-2017	Coordinator, NOVA PhD Fall School.

International:

2026	Co-Chair, SOC, Conference <i>The Drivers of Galaxy Evolution through Cosmic Time</i> , Florence, Italy.
2025	Discussion Panelist, JWST GO Cycle 4, Space Telescope Science Institute.
2023	Discussion Panelist, JWST GO Cycle 2, Space Telescope Science Institute.
2023-present	Panel Member, MARVIS Grants, Swiss National Science Foundation (SNSF).
2023	Expert External Reviewer, International Leading Research Grant, Japan (J)SPS.
2022	SOC Member, <i>From Galaxies to Cosmology with Deep Spectroscopic Surveys</i> , Marseille, France.
2022	SOC Member, ESO/ESA Joint Workshop, “Galaxy evolution: from cosmic dawn to the MW with the ESA Euclid mission and ESO telescopes”, Madrid, Spain.
2020-2024	Member, Public Survey Panel, European Southern Observatory (ESO).
2019	Appointed Member, Topical Teams, Voyage 2050 Programme, ESA.
2019	Expert External Reviewer, PRIMA Research Grants, SNSF.
2018-2020	Panel Member, Discovery Grants, Natural Science and Engineering Research Council of Canada (NSERC).
2018	Review Board Member, Dataflow System Development, ESO.
2017-2019	NL Representative, European Southern Observatory’s Users Committee. (elected Co-Chair for 2018 and Chair for 2019)

Language knowledge

Spanish (native), English & French (fluent), Dutch & Italian (intermediate).