

Erik Zackrisson

PROFESSOR OF ASTROPHYSICS, DISTINGUISHED UNIVERSITY TEACHER

Main research topics: The first stars, galaxies and black holes; Gravitational lensing; Searching for Extra-Terrestrial Intelligence



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PhD degree

2005	Ph.D. in Astronomy Uppsala University, Sweden Dissertation: <i>Quasars and low-surface brightness galaxies as probes of dark matter</i>
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Postdoc

2006–2008	Tuorla Observatory, Finland 25 months
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Docentship

2009	Docent in Astronomy Stockholm University, Sweden
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Current employment

2024–	Professor of Astrophysics, Uppsala University, Sweden
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Previous academic positions

2019–2024	Senior Lecturer in Extragalactic Astronomy, Uppsala University, Sweden
2015–2019	Associate Senior Lecturer, Uppsala University, Sweden
2013–2014	Senior Research Fellow, Stockholm University, Sweden
2008–2013	Assistant Professor, Stockholm University, Sweden
2006–2008	Postdoc, Tuorla Observatory, Finland
May 2006	Guest Researcher, Dark Cosmology Centre, Denmark
Nov–Dec 2005	Guest Researcher, Stockholm University, Sweden
2000–2005	PhD position, Uppsala University

Supervision of PhD students

As primary supervisor

Matías Suazo 2019–2024 (PhD 2024)
Anton Vikaeus, Uppsala University 2018–2023 (PhD 2023)
Christian Binggeli, Uppsala University, 2015–2021 (PhD 2021)
Saghar Asadi, Stockholm University, 2012–2015 (Finished as Licentiate 2016)
Claes-Erik Rydberg, Stockholm University, 2010–2015 (PhD 2015)

As co-supervisor

Simon Barton, Uppsala University, 2023–2024
Hannes Jensen, Stockholm University, 2010–2015 (PhD 2015)
Florent Duval, Stockholm University, 2010–2015 (PhD 2015)
Genoveva Micheva, Stockholm University, 2008–2012 (PhD 2012)
Elisabet Leitert, Uppsala University, 2007–2011 (PhD 2011)
Teresa Riehm, Stockholm University, 2006–2011 (PhD 2011)
Angela Adamo, Stockholm University, 2008–2011 (PhD 2011)

Scientific papers

Refereed journal articles: 115 papers (Jan 2025)
(28 as 1st author – including one invited review, 23 as 2nd author)
High-profile papers: Three in **Nature** (2018, 2022, 2024), one in **Science** (2016), one in **Nature Astronomy** (2025)
Invited review papers: 1
Total citations (Google scholar): 6800+, h-index 43, i10-index 109 (Jan 2025)

Academic awards

Fellowship at Swedish Collegium for Advanced Study (fall 2023–spring 2024, 80% of full-time)
AI4Research sabbatical, Uppsala University 2021 (50% of full-time)
Distinguished University Teacher, Uppsala University, 2019

Research grants

Research grants of ≈17.7 million SEK as main applicant

Leadership, committees etc.

Leader of Uppsala extragalactic research group 2015–
Co-chair of the Formation and evolution of galaxies and the intergalactic medium science team working group for the Extremely Large Telescope HIRES/ANDES spectrograph 2016–
Member of SKA Epoch of Reionization science working group and Key Science Project team (coordinator of the Synergies with other telescopes focus group) 2016–
WFIRST Science Investigation Team (Cosmic Dawn with WFIRST) 2016–2021
Swedish National Committee for Astronomy 2025–
SRS (Sveriges Rymdforskars samarbetsgrupp) / national COSPAR panel 2024–
Liljewalch travel stipend allocation committee 2018–2023
Astronomy Division Council (elected position), Uppsala University, 2017–2018
Deputy member of Stockholm Observatory Board (elected position) 2013–2014
Scientific Organizing Committee member for 8 conferences
Onsala/APEX/LOFAR Telescope Allocation Committee 2013–2016 (chair from fall 2015)
Nordic Optical Telescope Telescope Allocation Committee (deputy member) 2015–
ESO Observing Programme Committee panel 2007–2008

Teaching

- 870+ in-class teaching hours spread over 48 course offerings
- Coordinator of MSc and BSc education in astronomy and space physics at Uppsala University 2020-
- Supervisor of 16 MSc projects, 9 BSc projects
- Leader of 4 pedagogical development projects at Uppsala University

Popularization of science

- 36 popular science talks, including one TEDx talk
- 10 radio shows / podcasts
- Author of 4 popular science papers