

Pooneh Nazari

Personal Website

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Niels Bohrweg 2

2333 CA, Leiden



EDUCATION

Leiden University

Ph.D. in Astrophysics

Supervisor: Prof. Ewine van Dishoeck

Leiden, Netherlands

2019–Present

University of Cambridge

Mphil in Astrophysics

Supervisor: Prof. Cathie Clarke

Cambridge, UK

2018–2019

– Thesis: “Observational consequences of planet migration”

MASt (Part III) in Astrophysics

2017–2018

University of St Andrews

B.Sc. in Astrophysics

St Andrews, UK

2013–2017

RESEARCH INTERESTS

Interstellar molecules, Planet formation, Submillimetre and infrared astronomy, Astrochemistry

RESEARCH POSITIONS

Leiden University

Graduate research assistant

Supervisor: Prof. Ewine van Dishoeck

Leiden, Netherlands

Oct 2019–Present

University of Cambridge

Graduate research assistant

Supervisor: Prof. Cathie Clarke

Cambridge, UK

Oct 2018–Aug 2019

Summer research assistant

Supervisor: Prof. Cathie Clarke

Jul 2018–Oct 2019

Graduate research assistant

Supervisor: Dr Ghina Halabi

Oct 2017–Jun 2018

Summer research assistant

Supervisors: Dr Farzana Meru, Dr Giovanni Rosotti

Jun 2016–Aug 2016

Harvard University

Summer research assistant

Supervisor: Prof. Karin Öberg

Cambridge, US

Jul 2017–Aug 2017

Research visitor

Supervisor: Prof. Karin Öberg

Aug 2016

University of St Andrews
Undergraduate research assistant
Supervisor: Dr Claudia Cyganowski

St Andrews, UK
Jan 2017–May 2017

Summer research assistant
Supervisors: Dr Claudia Cyganowski, Dr John Ilee

Jun 2015–Aug 2015

AWARDS

- Sheepshanks Scholarship and Studentship in Astronomy (Trinity College, University of Cambridge) 2017–2018
- Harvard Origins of Life Initiative Undergraduate Research Award 2017
- The Astrophysics Project Prize (University of St Andrews) 2017
- Royal Astronomical Society Undergraduate Research Bursary (University of St Andrews) 2015
- School of Physics and Astronomy Student Internship (University of St Andrews) 2015

REFEREED PUBLICATIONS

- [1] **P. Nazari**, M. L. van Gelder, E. F. van Dishoeck, B. Tabone, M. L. R. van 't Hoff, N. F. W. Ligterink, H. Beuther, A. C. A. Boogert, A. C. o. Garatti, P. D. Klaassen, H. Linnartz, V. Taquet, and L. Tychoniec, “[Complex organic molecules in low-mass protostars on Solar System scales – II. Nitrogen-bearing species](#)”, *arXiv e-prints*, arXiv:2104.03326, Apr. 2021.
- [2] F. Meru, G. P. Rosotti, R. A. Booth, **P. Nazari**, and C. J. Clarke, “[Is the ring inside or outside the planet?: the effect of planet migration on dust rings](#)”, *MNRAS*, vol. 482, pp. 3678–3695, 2019.
- [3] **P. Nazari**, R. A. Booth, C. J. Clarke, G. P. Rosotti, M. Tazzari, A. Juhasz, and F. Meru, “[Revealing signatures of planets migrating in protoplanetary discs with ALMA multiwavelength observations](#)”, *MNRAS*, vol. 485, pp. 5914–5923, 2019.
- [4] J. D. Ilee, C. J. Cyganowski, **P. Nazari**, T. R. Hunter, C. L. Brogan, D. H. Forgan, and Q. Zhang, “[G11.92-0.61 MM1: a Keplerian disc around a massive young proto-O star](#)”, *MNRAS*, vol. 462, pp. 4386–4401, 2016.

TEACHING

- **Daily supervisor** of a LEAPS student Summer 2021
Leiden Observatory
- **Daily supervisor** of two MSc students 2020-2021
Leiden Observatory
- **Teaching Assistant** for SPF course 2020-2022
Leiden Observatory

OUT REACH AND OTHER ACTIVITIES

- **Organiser of the NOVA Network 2 in the Netherlands**
- **Author at [She Speaks Science](#)**
- **Member of Social committee at Leiden Observatory**
- **Member of Trinity Responsible Investment Society committee**
- **Former Trinity BA Catering Officer**

PRESENTATIONS

- **Contributed talk: ALMA day, Leiden Observatory, 2021**
- **Contributed talk: Five Years After HL Tau, online conference, 2020**
- **Seminar at Institute of Astronomy, University of Cambridge, 2020**
- **Seminar at Kavli Institute, University of Cambridge, 2019**

REFEREES

- Prof. Ewine van Dishoeck (supervisor) Leiden Observatory, Leiden University, P.O. Box 9513, 2300 RA Leiden, the Netherlands
- Prof. Cathie Clarke (supervisor) Institute of Astronomy, University of Cambridge, Madingley Road, Cambridge, England CB3 0HA
- Dr Claudia Cyganowski (supervisor, lecturer and tutor) School of Physics and Astronomy, University of St Andrews, North Haugh, St Andrews, Scotland KY16 9SS
- Prof. Karin Oberg (supervisor) Harvard-Smithsonian Centre for Astrophysics, 60 Garden Street, MS 16, Cambridge, USA, MA 02138