

Dr. Shweta Dalal

University of Exeter – United Kingdom

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Employment & Education

Postdoctoral Research Fellow (STFC Funded), University of Exeter, UK	June 2021 – present
Ph.D. (Astrophysics), Institut d'Astrophysique de Paris (IAP), France	October 2017 – Sept 2020
Research Project, Indian Institute of Astrophysics, Bangalore	Sept 2016 – May 2017
M.Sc. in Physics, Indian Institute of Technology, Hyderabad	July 2014 – May 2016
B.Sc. (Honours) in Physics, Miranda House, University of Delhi, India	July 2011 – May 2014

Awards and Achievements

- **STFC Fund**: for postdoctoral research fellow at University of Exeter.
- **ED 127 Grant**: [ED 127](#) grant for doctoral studies at IAP, Paris.
- **CSIR, National Eligibility Test (NET)**: All India Rank - **92** out of approximately 100,000 applicants in the entrance exam for the [Junior Research Fellowship](#) [I declined].
- **JICA Friendship Scholarship** : Selected for Ph.D. Scholarship at Nagoya University, -[JICA](#) [I declined]

Selected Scientific Talks and Seminars

- **Astro Seminar at University of Exeter** : April 2022 – Exeter
- **Exo Système I - Évolution, Paris** : Jan 2020 – France
- **Extreme Solar Systems IV** : Aug 2019 – Iceland
- **Weekly Astro Seminar, Indian Institute of Astrophysics ([Invited](#))** : Aug 2019 – India

Selected Service in the Scientific Community

Consortium member – Terra Hunting Experiment	2021-present
Champion – Leading analysis for one of the HARPS-N Rocky Planet Search targets	2021-present
Referee – Astrophysical Journal	2021-present
P.I. (10 nights) – Program : Detecting brown dwarfs around FGK stars using SOPHIE	2018-2020
Observer (51 nights) – Observatoire de Haute Provence, France	2017-2020
Mentor – Inspire Internship Programme, Miranda House, New Delhi	July 2012

Teaching Experience

PHY1025 Demonstrator – Mathematics for Physicists I	Sept-Dec 2021
PHY0000 Demonstrator – Communication Skills	Sept-Dec 2021

Selected Outreach & Community Engagement

- Demonstrator – **Exeter Scholars 2022, University of Exeter**
- Press Release 2 – [New York Times](#) : **Title**: Star System With Right-Angled Planets Surprises Astronomers
- Volunteer – **Exeter Science Centre Pop-up Exhibition**
- Volunteer – **Festival of Physics, University of Exeter**
- Guest Speaker – **Links to a Life, Great Torrington School**
- Press Release 1 – [CFHT](#) and [IRAP](#) : **Title**: SPIRou Stares at a Young Rebel: the AU Mic Planetary System
- Volunteer – **Nuit blanche de l'Astronomie, Paris**
- Member of Astronomy and Astrophysics Club – **Cepheid, Indian Institute of Technology**