

Curriculum Vitae

Name: Dolev Bashi

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Research Interests

Extrasolar planets in the Galactic context, planetary structure and evolution, Nano satellite projects.

Education

- 2017 – present Ph.D.: School of Geosciences, Tel-Aviv University
(Advisor: Prof. Shay Zucker)
- 2015 – 2017 M.Sc. (summa cum laude): Department of Geophysics & Planetary Sciences,
Tel Aviv University
(Advisors: Prof. Ravit Helled, Prof. Shay Zucker)
- 2008 – 2011 B.Sc.: School of Physics and Astronomy, Tel Aviv University

Scholarships, and Honors

- 2019 The Akiva Bar-Nun scholarship for excellence

Refereed Publications

- [1] **D. Bashi**, S. Zucker, V. Adibekyan, N. C. Santos, L. Tal-Or, T. Trifonov and T. Mazeh (2020) Occurrence rates of small planets from HARPS: Focus on the Galactic context . A&A
- [2] **D. Bashi** and S. Zucker (2019) Small Planets in the Galactic Context: Host Star Kinematics, Iron, and α -element Enhancement. AJ
- [3] **D. Bashi**, R. Helled and S. Zucker (2018) A quantitative comparison of exoplanet catalogs. Geosciences
- [4] **D. Bashi**, R. Helled, S. Zucker, and C. Mordasini (2017) Two empirical regimes of the planetary mass-radius relation. A&A

Invited Talks and Seminars

- 2019 Small Planets in the galactic context:

- The Hebrew University of Jerusalem, Jerusalem, Israel
- Porto MW-Gaia WG3 Workshop: Exoplanets in the era of Gaia, The Instituto de Astrofísica e Ciências do Espaço, Porto, Portugal

2018 Two empirical regimes of the planetary mass-radius relation:

- University of Bern, Bern, Switzerland
- University of Zurich, Zurich, Switzerland

Posters

2020 Occurrence rates of small planets from HARPS: Focus on the Galactic context:

- Exoplanets III, Heidelberg, Germany (virtual)

Skills

- Computer skills include Programming languages of MATLAB, Python and C.
- Currently, I also work in my spare time on a Nano satellite project (TAUSAT-1) as a system and integration engineer in Tel-Aviv University.
- During the years 2012-2016 I worked at the front end of the Israeli Hi-tech industries (gained much experienced in electronics and RF).