

Goni Halevi

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Education	<p>Princeton University Ph.D., Astrophysical Sciences, 2022 (expected) M.A., Astrophysical Sciences, 2019 Advised by Jim Stone</p> <p>University of California, Berkeley B.A., Physics, 2017 B.A., Astrophysics, 2017</p>
Scientific Interests	<p>High-energy, nuclear, computational astrophysics <i>Supernovae, transients, compact objects, thermonuclear burning, r-process nucleosynthesis, nuclear dominated accretion flows, magnetohydrodynamics</i></p>
Awards and Fellowships	<p><i>Graduate Research Fellowship</i>, National Science Foundation, 2019 <i>Outstanding Graduate Student Instructor</i>, UC Berkeley, 2017 <i>Commencement Speaker (\$1000)</i>, UC Berkeley Astronomy Dept., 2017 <i>Google Lick Pre-doctoral Fellowship</i>, Google/Lick Observatory, 2016–2017 <i>Daniel Edward Wark Award (\$5000)</i>, UC Berkeley Astronomy Dept., 2015</p>
Selected Publications	<p><i>View all on ADS/arXiv</i></p> <p>Stahl, ..., Halevi, et al. (2019). “Lick Observatory Supernova Search Follow-Up Program: Photometry Data Release of 93 Type Ia Supernovae” (accepted)</p> <p>Halevi et al. (2019) “HSC-XD 52: An X-ray detected AGN in a low-mass galaxy at $z \sim 0.56$” (accepted)</p> <p>de Jaeger, ..., Halevi, et al. (2019) “The Berkeley sample of Type II supernovae: BVRI light curves and spectroscopy of 55 SNe II” (accepted)</p> <p>Mösta, Roberts, Halevi, et al. (2018) “r-process Nucleosynthesis from Three-dimensional Magnetorotational Core-collapse Supernovae”</p> <p>de Jaeger, ..., Halevi, et al. (2018) “SN 2016esw: a luminous Type II supernova observed within the first day after the explosion”</p> <p>Halevi & Mösta (2018) “r-Process nucleosynthesis from three-dimensional jet-driven core-collapse supernovae with magnetic misalignments”</p> <p>Zheng, ..., Halevi, et al. (2017) “Discovery and Follow-up Observations of the Young Type Ia Supernova 2016coj”</p>

Presentations	<p>Talks and seminars</p> <p><i>Multi-Messenger astrophysics in the gravitational wave era</i>, Yukawa Institute for Theoretical Physics (YITP), Kyoto, Oct. 2019</p> <p><i>Neutron star mergers for non-experts: GW170817 in the multi-messenger astronomy and FRIB eras</i>, Michigan State University, Lansing, May 2018</p> <p><i>MHD group meeting</i>, Princeton University, Mar. 2018</p> <p>Posters</p> <p><i>229th meeting of the AAS</i>, Grapevine, TX, Jan. 2017</p> <p><i>APS Conference for Undergraduate Women in Physics</i>, UCSD, Jan. 2016</p>
Teaching	<p>East Jersey State Prison (Raritan Valley Community College)</p> <p>Head instructor, “Elementary Algebra”, Fall 2019</p> <p>Instructor, “Astronomy”, Fall 2018</p> <p>Dept. of Astrophysical Sciences, Princeton University</p> <p>Assistant in instruction, “The Universe”, Spring 2019</p> <p>Dept. of Astronomy, UC Berkeley</p> <p>Student instructor, “Introduction to Astrophysics II”, Spring 2016/2017</p> <p>Student instructor, “Introduction to General Astronomy”, Fall 2015/2016</p>
Outreach, Leadership, E&I	<p><i>Graduate student mentor</i>, Científico Latino, 2019</p> <p><i>Executive board member</i>, Princeton University Women in Physics, 2019 –</p> <p><i>Co-founder, graduate student representative</i>, climate committee, Dept. of Astrophysical Sciences, Princeton University, 2018 –</p> <p><i>Public observing volunteer</i>, Peyton Observatory, 2018 –</p> <p><i>Volunteer astronomer</i>, public programs series, Lick Observatory, 2015 –</p> <p><i>Co-founder, facilitator</i>, AstroJustice discussion group, UC Berkeley, 2015–17</p> <p><i>Undergraduate coordinator</i>, Society for Women in the Physical Sciences, UC Berkeley, 2015–17</p> <p><i>Co-founder, organizing committee member</i>, Undergraduate Astronomy Society, UC Berkeley, 2015–17</p> <p><i>Vice president</i>, Society of Physics Students, UC Berkeley, 2015–16</p> <p><i>Outreach coordinator</i>, Society of Physics Students, UC Berkeley, 2014–15</p>
Languages	<p>English (native), Hebrew (native)</p>