

CONTACT INFORMATION	Laboratoire Lagrange, Observatoire de la Côte d’Azur Boulevard de l’Observatoire 06304 Nice Cedex 4, France	max.goldberg@oca.eu maxgoldberg.me
ACADEMIC APPOINTMENTS	Postdoctoral Researcher CNRS, Observatoire de la Côte d’Azur, Nice, France	2024 –
EDUCATION	California Institute of Technology , Pasadena, USA Ph.D. , Astrophysics (2024) M.S. , Astrophysics (2022) Thesis: <i>Early Dynamics and Evolution of Extrasolar Planetary Systems</i> Advisor: Konstantin Batygin University of Chicago , Chicago, USA	2019 – 2024 2015 – 2019
FIRST AUTHOR PUBLICATIONS	Goldberg, M. and Batygin, K. “Chaotic tides as a solution to the Hyperion problem.” <i>Icarus</i> , 413, (2024). Goldberg, M. , Fabrycky, D., et al. “A $5M_{\text{Jup}}$ Coplanar Circumbinary Planet Around Kepler-1660AB.” <i>Monthly Notices of the Royal Astronomical Society</i> , 525.3, (2023). Goldberg, M. and Batygin, K. “Dynamics and Origins of the Near-Resonant Kepler Planets.” <i>The Astrophysical Journal</i> , 948, (2023). Goldberg, M. , Batygin, K., and Morbidelli, A. “A Criterion for the Stability of Resonant Chains.” <i>Icarus</i> , 388, (2022). Goldberg, M. and Batygin, K. “Architectures of Compact Super-Earth Systems Shaped by Instabilities.” <i>The Astronomical Journal</i> , 163.5, (2022). Goldberg, M. and Batygin, K. “A Tidal Origin for a Three-body Resonance in Kepler-221.” <i>The Astronomical Journal</i> , 162.1, (2021). Goldberg, M. , Hadden, S., Payne, M. J., and Holman, M. J. “Prospects for Refining Kepler TTV Masses Using TESS Observations.” <i>The Astronomical Journal</i> , 157.4, (2019).	
CO-AUTHORED PUBLICATIONS	Nagpal, V., Goldberg, M. , and Batygin, K. “Breaking Giant Chains: Early-Stage Instabilities in Long-Period Giant Planet Systems.” Accepted to the <i>Astrophysical Journal</i> . Dai, F., Masuda, K., Beard, C., Robertson, P., Goldberg, M. , et al. “TOI-1136 is a Young, Coplanar, Aligned Planetary System in a Pristine Resonant Chain.” <i>The Astronomical Journal</i> , 165.2, (2023).	
BOOK CHAPTERS	Petit, A., Pichierri, G., Goldberg, M. , Morbidelli, A. “Dynamical Evolution of Planetary Systems.” <i>Handbook of Exoplanets</i> , 2nd ed. (upcoming).	
AWARDS AND HONORS	Raynor L. Duncombe Student Research Prize David and Barbara Groce Travel Fund Origins of Life Summer Undergraduate Research Prize Award UCISTEM Summer Research Grant	2021 2021 2018 2017

SELECTED RESEARCH TALKS AND POSTERS	The Inner Disk of Young Stars Conference	2023
	Southwest Research Institute Colloquium (invited)	2022
	Exoplanets IV Meeting	2022
	Caltech Center for Comparative Planetary Evolution 101 Series	2022
	AAS Division of Dynamical Astronomy Meeting	2021
TEACHING ASSISTANTSHIPS	Ay/Ge 133: Formation and Evolution of Planetary Systems, Caltech	Fall 2021
	Ph 1c: Electromagnetism, Caltech	Spring 2021
	Ay/Ge 133: Formation and Evolution of Planetary Systems, Caltech	Winter 2021
	Ph 1a: Classical Mechanics, Caltech	Fall 2020
	BPRO 28800: From Fossils to Fermi's Paradox, UChicago	Winter 2019
MENTORING AND OUTREACH	Summer Undergraduate Research Fellowship (SURF) Mentor, Caltech	Summer 2022
	<i>Mentored a UC Berkeley undergraduate for a summer and beyond, leading to a submitted journal article on the formation of giant planet systems</i>	
	Summer Research Connection Mentor, Caltech	Summer 2021
	<i>Mentored three high school students, teaching the basics of N-body simulations and Galilean moon formation to study the role of giant impacts in the Jovian system</i>	
	Caltech Astronomy Outreach Volunteer	2019 – 2023
	<i>Astronomy on Tap Speaker</i>	
	<i>Led public telescope observations of planets and the transit of Mercury</i>	
	<i>Assisted in Planet Finder Academy, program for high school students to learn about astronomy and exoplanet detection</i>	
PROFESSIONAL SERVICE	Journal Referee for <i>Monthly Notices of the Royal Astronomical Society</i> (2×), <i>Astronomical Journal</i> (1), <i>Astronomy & Astrophysics</i> (1)	