

# Chris Nagele PhD: Postdoctoral Fellow

William H. Miller III Department of Physics & Astronomy, The Johns Hopkins University, 3400 N.  
Charles Street, Baltimore, MD 21218  
+1-2152605570 [chrisnagele.astro@gmail.com](mailto:chrisnagele.astro@gmail.com) [nagele@g.ecc.u-tokyo.ac.jp](mailto:nagele@g.ecc.u-tokyo.ac.jp)

## Work Experience and research

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<b>Postdoctoral Fellow at Johns Hopkins</b> , with Julian Krolik	2024-present
<b>University of Tokyo</b> , with Hideyuki Umeda, Koh Takahashi	2019-2024
<b>Generative Learning Zeminar</b> , with Tilman Hartwig, John Silverman	2020-2024
<b>Research Assistant</b> , with Matthew Kleban, New York University	2018-2023

## Education

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<b>University of Tokyo</b> , Tokyo, JP	PhD/MA in Astronomy: 2019-2024
<b>Haverford College</b> , Haverford, PA	BS in Physics and BA in Astronomy: 2012-2016

## Academic Awards

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<b>Graduate Research Abroad in Science Program (GRASP): MPI (AEI)</b>	September 2022
<b>MEXT Scholar: University of Tokyo</b>	April 2019 - Present
<b>NYU Shanghai, Recitation Instructor</b>	June 2016- May 2017
<b>KINSC Summer Scholar: University of Exeter</b>	Summer 2015

## Skills

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**Coding:** high performance computing, Python, Fortran, C, Slurm, Git, MPI, OpenMP

**Physics:** spectral radiation transfer, Compton scattering, ionization balance, general relativity, magnetohydrodynamics, weak reactions, nucleosynthesis, stellar evolution

**Analysis:** generative modeling, Bayesian statistics, time series

## Selected Conference Talks

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<b>Texas Astrophysics 2025</b>	December 2025
<b>AAS 242</b>	June 2023
<b>AAS 241</b>	January 2023
<b>EANAM9</b>	September 2022
<b>ngVLA 2022 @ CCA</b>	June 2022