

# POSYDON SCHOOL

POpulation SYnthesis with Detailed binary-evolution simulaIONs

POSYDON is a next-generation single and binary-star population synthesis code incorporating full stellar structure and evolution modeling.



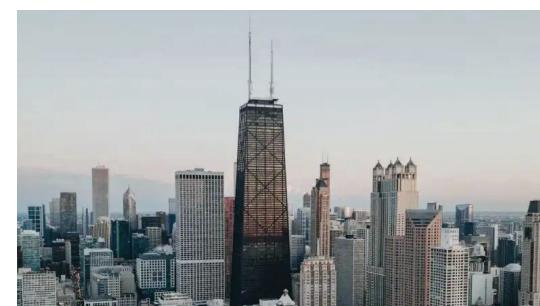
Join us this fall at the SkAI Hub in the historic John Hancock Center (Chicago, Illinois, USA) to learn how to use POSYDON (version 2), a state-of-the-art binary population synthesis code.

Learn to effectively incorporate POSYDON into your research through hands-on labs exploring astrophysical scenarios like mass-transfer stability, supernovae, and binary black-hole populations.

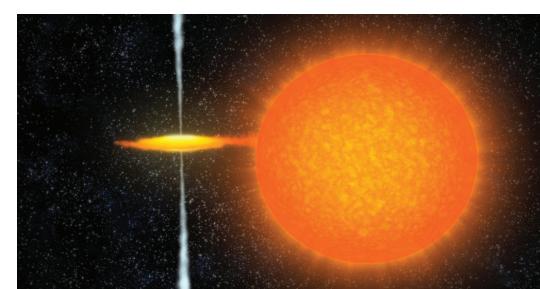
This four day school will familiarize you with the code and will enable you to effectively incorporate it into your own research.

Researchers at all career stages are warmly encouraged to apply!

23-26  
September  
2025



Chicago, Illinois (USA)



POSYDON School topics will include:

- Understand the machine learning basics of POSYDON
- Binary stellar evolution basics
- Generate and analyze binary populations
- Use pre-generated POSYDON grids

For more information about posydon, check out:  
**[posydon.org](http://posydon.org)**



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