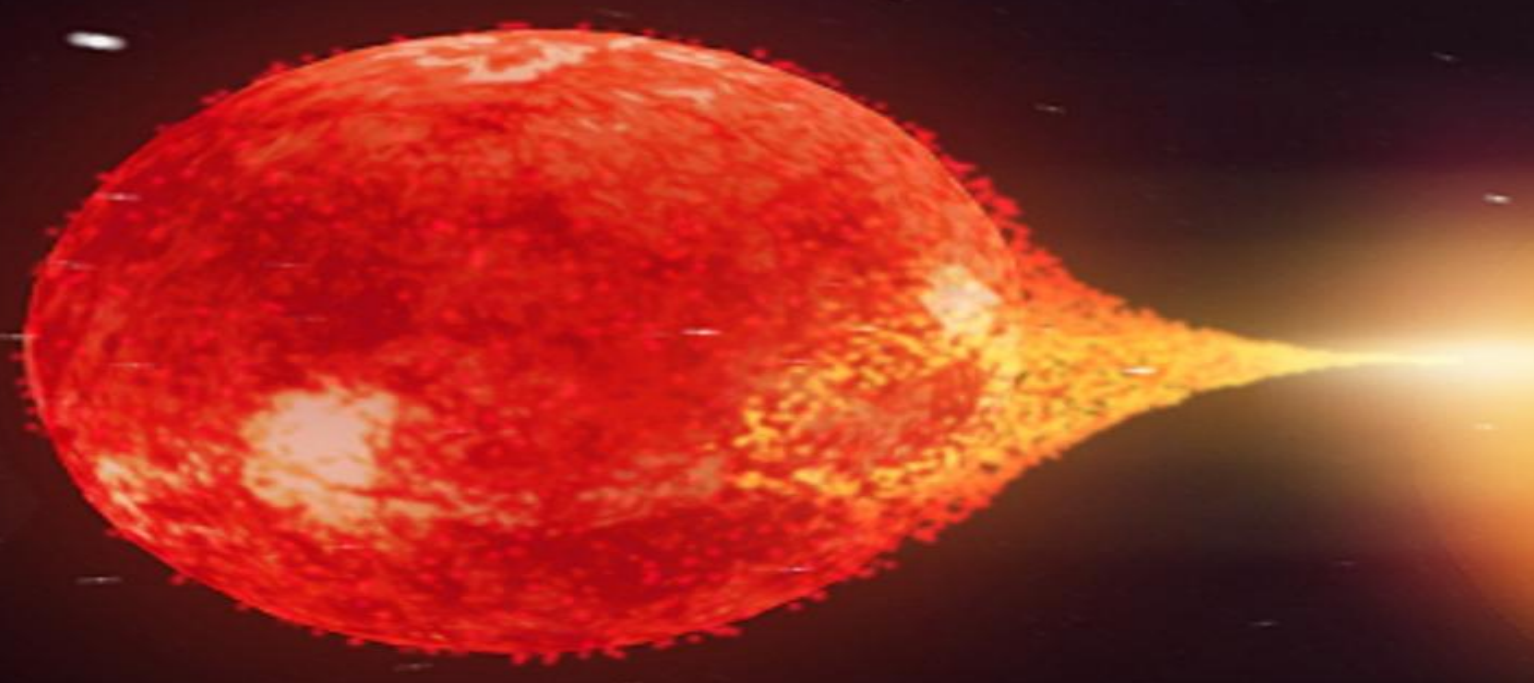


# ICESUN Summer School 2025: Binary Stars and Compact Objects



Kunming - China, August 17-23, 2025

<https://icesun-summer-school2025.casconf.cn/>

Credit: ESA

The ICESUN summer school is hosted by Yunnan Observatories and the International Centre of SuperNovae (ICESUN). It offers an in-depth educational experience for students and emerging astronomers with lectures given by world-leading researchers. The summer school will be held in conjunction with an international conference "Binary Stars in a New Era" to be held in Lijiang, China, from August 24 to 30, 2025. This summer school will introduce basic knowledge in the field of binary stars and compact objects, including stellar physics, binary evolution, common envelope evolution of binary stars and related objects, formation of compact objects, gravitational-wave astronomy, high-energy astrophysics, binary population synthesis, and so on. The summer school invites students, young researchers and established scientists from all over the world to meet in Kunming.

## Lecturers:



**Prof. Hongwei Ge**  
Yunnan Observatories, CAS

- *Stellar Evolution*
- *Mass Transfer Process*



**Prof. Hugues Sana**  
Katholieke Universiteit Leuven

- *Observational Astrophysics*
- *Astrostatistics*



**Prof. Ilya Mandel**  
Monash University

- *Stellar Evolution*
- *Gravitational-wave Astronomy*



**Prof. Kroupa Pavel**  
University of Bonn

- *Dark Matter & Cosmology*
- *Astrostatistics*



**Prof. Natalia Ivanova**  
University of Alberta

- *Common Envelope Evolution*
- *Hydrodynamics*



**Dr. Robert Izzard**  
University of Surrey

- *Stellar Evolution & Nucleosynthesis*
- *Computational Astrophysics*



**Dr. Zhuo Chen**  
Tsinghua University

- *Binary Evolution*
- *Computational Astrophysics*

## LOC:

Hailiang Chen, Hongwei Ge, Boyang Guo, Dengkai Jiang, Shi Jia, Shunyi Lan, Zhenwei Li, Zhengwei Liu (chair), Facundo Moyano, Xiangcun Meng, Bo Wang, Jianping Xiong, Lifu Zhang, Shuai Zha

## Organized by:

Yunnan Observatories, CAS  
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