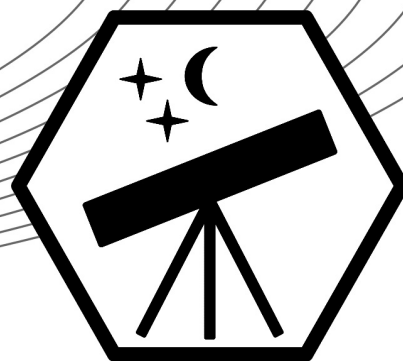


# International Astronomy and Astrophysics Competition

Edition of 2024



## PRE-FINAL CERTIFICATE

presented to

### Olivier Contrain

Date of Issue: 10. June 2024  
Country: Réunion  
School: Université de La Réunion  
Verify-ID: PF-2024-F972002B6E3

for successfully completing the pre-final round of the International Astronomy and Astrophysics Competition of 2024 and qualifying for the final round in June 2024. The participant was challenged with two basic, two advanced, and two research problems that required comprehensive astronomy and astrophysics knowledge.

Fabian Schneider, Team Coordinator

Rami Aly, Program Coordinator