



# ISYA

INTERNATIONAL SCHOOL  
FOR YOUNG ASTRONOMERS



## Description

The ISYA has been organised by the International Astronomical Union (IAU) since 1967, and is currently co-sponsored by the Norwegian Academy of Science and Letters (NASL) and the local host country.

Layout: A 3-week intensive postgraduate school in parts of the world where students do not have access to a broad, up-to-date, astrophysics curriculum (mainly, but not exclusively, astronomically developing countries).

Target group: MSc and PhD students.

Goal: Broaden the participants' perspective on astronomy through lectures from an international faculty on selected topics of astronomy, seminars, practical exercises and observations, and exchange of experiences.

Students will receive full scholarships to participate.

## Participants and lectures

Students: around 30–50 participants drawn from the host country and region, with roughly half of the participating students coming from outside the host country, and maintaining a gender balance.

Lecturers: around 10 professors from around the world. Lecturers are selected by local and programme directors. Typically they are researchers in faculty positions with international career paths, who are familiar with the region.

Lectures will include a broad scope of basic introductory courses to astronomy, including theoretical and observational lectures, lab work with local observing facilities (when available), data reduction and analysis labs, and virtual observatory/data mining labs. The selection of topics for each school is tailored to regional needs.





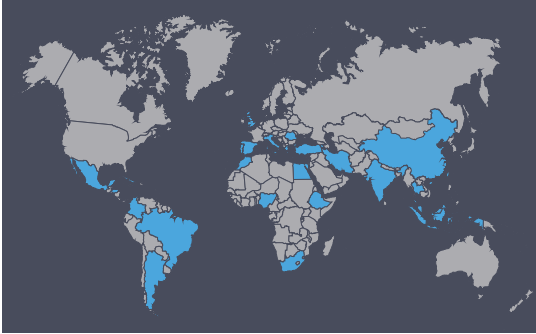
## Organisation

The local hosts sponsor all local expenses. The IAU and the NASL sponsor all travel to and from the school and visa expenses.

Requested facilities:

- housing close to lecture rooms/observatories;
- lecture room for around 50 people;
- computers for lab work (IRAF, AIPS, etc.);
- good internet connection for around  $50 \times 2$  devices that allows downloading astronomical data (for VO classes, etc.).





*41 schools in 27 countries since 1967.*

*“I will be an ambassador for astronomy science in my country.”*

*“I definitely got clues on where to go and what research topics to focus on thanks to the talks and discussions with lecturers and other students during ISYA. This was one of the reasons I came.”*

*“I felt that the ISYA was beneficial for me as it opened my eyes to the different fields available and has given me things to think about regarding my career plans.”*

*“The financial support to participants from across Africa was marvelous and most appreciated.”*

*Quotes from ISYA students*



OFFICE FOR YOUNG ASTRONOMERS



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