

COSPAR Capacity Building Workshop, Tel Aviv, Israel 2019

Date: October 28 - November 1, 2019

Venue: Tel Aviv University and Israel Aerospace Industries, Tel-Aviv, Israel

Theme: Principles and Practice of Nano-Satellite Engineering.

Hosted by:

The Nano-Satellite Center at Tel Aviv University
Israel Aerospace Industries,
Israel Space Agency (ISA).

Supported by:

Committee on Space Research (COSPAR),
The Israeli Ministry of Science and Technology (MOST).



This workshop is a great opportunity for students to get hands-on experience with nano-satellites and to apply theoretical knowledge obtained from classroom lectures. The following topics will be covered in the workshop via both lectures and hands-on work:

- History of space flight, types of satellites, tasks of space research.
- The New Space Era: Nano Satellites for space science and as a platform for technology research and student training.
- Remote sensing: ecological and environmental considerations.
- Thermal design of satellites and electrical power systems.
- Introduction to space communications.
- Attitude Determination and Control.
- Principles of programming flight software.
- Steps in developing, integrating and testing a nano-satellite.



Who can apply?

Students and young researchers who fulfil the following criteria:

- Enrolled as a full-time Bachelor, Master, or Ph.D student in a university (not graduating before the workshop week), or Post-Docs and young researchers (aged 18-32).
- Studying science or engineering.

Students can apply for sponsorship by COSPAR. The sponsorship will cover accommodation and meals as well as up to 300 euros for travelling to Israel.

How to apply?

Fill in the application form and follow the instructions

<http://www.cospar2019.org/cospar-capacity-building-workshop/>

The deadline for applications is the 15th of August 2019, 23:59 CET.