

ISEB Student Program

ISEB STUDENT PROGRAM – OVERVIEW

Further details regarding the student program elements can be found below. For information on the location, please refer to the “Venues of ISEB Events” section of this handbook. Note: Even for mandatory events, students should prioritize their IAC 2022 presentation(s) as well as technical sessions that are considered essential.

Time (CEST)	Location	Event	Attendance*
Saturday, September 17, 2022			
2:00 p.m. – 3:00 p.m.	Mercure Vaugirard (Amédée Gordini Room)	Head of Education (HoE) Meet-and-Greet	Mandatory
3:00 p.m. – 6:00 p.m.	Mercure Vaugirard (Amédée Gordini Room)	Cross-Cultural Workshop	Mandatory
6:00 p.m. – 8:00 p.m.	Mercure Vaugirard (Amédée Gordini Room)	Icebreaker Reception	Mandatory
Sunday, September 18, 2022			
4:30 p.m. – 5:30 p.m.	International Student Zone (ISZ)	ISEB Heads of Agencies (HoA) Interactive Session	Mandatory
Monday, September 19, 2022			
10:45 a.m. – 11:30 a.m.	ISZ	Presentations from JAXA Students	Optional
12:00 p.m. – 1:00 p.m.	ISZ	Lunchtime Sessions – CSA and AEM	Mandatory
1:00 p.m. – 1:30 p.m.	ISZ	Presentations from winners of the ESA DEFI Aerospace Challenge	Optional
7:00 p.m. – 8:30 p.m.	Mercure Vaugirard (Amédée Gordini Room)	ISEB Networking Night	Mandatory
Tuesday, September 20, 2022			
9:30 a.m. – 11:00 a.m.	ISZ	Women in Aerospace-Europe – Panel	Optional
12:00 p.m. – 1:00 p.m.	ISZ	Lunchtime Session – JAXA and ESA	Mandatory
1:00 p.m. – 2:00 p.m.	ISZ	Next Generation Plenary – Space and the Arts	Optional
Wednesday, September 21, 2022			
9:30 a.m. – 4:15 p.m.	ISZ	IAC Public Day – STEM Outreach Activities	Volunteer-basis
Thursday, September 22, 2022			
9:45 p.m. – 12:45 p.m.	ISZ	E1.8 Technical Session (Hands-on Education and Outreach)	Optional
1:00 p.m. – 2:30 p.m.	ISZ	Lunchtime Sessions – NASA, CNES and KARI	Mandatory
6:30 p.m. – 7:30 p.m.	Eiffel Tour (Bir Hakeim Station)	Discovery cruise on the Seine	Optional
Friday, September 23, 2022			
9:00 a.m. – 2:00 p.m.	Palais Garnier and Brasserie Rosie	Cultural activity	Mandatory

ISEB Student Program

ISEB EVENTS - DETAILS

Saturday, September 17, 2022

- **Head of Education (HoE) Meet-and-Greet**

2:00 p.m. – 3:00 p.m. @ Mercure Vaugirard Paris Porte de Versailles (Amédée Gordini Room)
Attendance is mandatory for all ISEB students.

The Heads of Education (HoE) from each of the ISEB space agencies will introduce themselves and give a short presentation about ISEB, the program for the week, and other must-know information. The ISEB student program will be presented, and students will have the time to ask the HoE questions.

- **Cross-Cultural Workshop**

3:00 p.m. – 6:00 p.m. @ Mercure Vaugirard Paris Porte de Versailles (Amédée Gordini Room)
Attendance is mandatory for all ISEB students.

This workshop will be facilitated by experts in cross-cultural management and communication skills. The workshop will be divided into three parts: (1) networking in a multicultural context, (2) developing cultural awareness, and (3) enhancing presentation skills. By the end of the workshop, students will have the tools to navigate respectful interactions with people of different backgrounds, communicate in an international forum, and understand collaboration of international entities/organizations. Students will be required to complete the Cultural Nomad Profiler prior to the workshop, and will also have to prepare three elevator pitches for different audiences (senior-level officials, technical audiences, and non-technical audiences).

- **Icebreaker Reception**

6:00 p.m. – 8:00 p.m. @ Mercure Vaugirard Paris Porte de Versailles (Amédée Gordini Room)
Attendance is mandatory for all ISEB students.
Light snacks and refreshments will be served.

The icebreaker reception is an opportunity to mingle with fellow ISEB students and the staff from ISEB space agencies. Put your new knowledge from the workshop to the test by practicing your elevator pitches, and get to know the people you will be seeing very frequently throughout the week. Finger food and hors d'oeuvres will be served.

Sunday, September 18, 2022

- **ISEB Heads of Agencies (HoA) Interactive Session**

4:30 p.m. – 5:30 p.m. @ International Student Zone (ISZ) (students are asked to arrive at 4:00 p.m.)
Attendance is mandatory for all ISEB students.

ISEB students will have a rare opportunity to interact with heads of international space agencies in an up close and personal setting. Students will be divided into three groups in the ISZ, and the HoA will also be divided into three groups that will rotate every 20 minutes. Students will get the chance to ask their pre-submitted questions and hear responses directly from the HoA. While this event is open to observers, only ISEB students will have the opportunity to ask questions.

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Monday, September 19, 2022

- **Presentations from JAXA Students**
10:45 a.m. – 11:30 a.m. @ International Student Zone (ISZ)
Attendance is optional for ISEB students.

Each student selected by JAXA is engaged in interesting outreach activities. In this session, each student will give a poster presentation on their outreach activities about Mars exploration, rocket development, satellites, cosmic rays, etc. Several poster presentations will also showcase equipment developed by students, including a small, easy-to-handle detector, a VR display, and a small satellite model.

- **Lunchtime Sessions – CSA and AEM**
12:00 p.m. – 1:00 p.m. @ International Student Zone (ISZ)
Attendance is mandatory for all ISEB students.

Select ISEB students sponsored by the Canadian Space Agency (CSA) and the Agencia Espacial Mexicana (AEM) will present ePosters of their research and deliver a lightning talk (3 minutes each), followed by a short question period. The Lunchtime Sessions provide ISEB students with an additional opportunity to present their research and develop their presentation skills in front of a wide audience representing diverse backgrounds.

- **Presentations from winners of the ESA Défi Aerospace Challenge**
1:00 p.m. – 1:30 p.m. @ International Student Zone (ISZ)
Attendance is optional for ISEB students.

The winners of ESA's [Student Aerospace Challenge 2021-22](#) will give presentations about their designs. This challenge dared tertiary education student teams to work on various aspects of a suborbital manned vehicle. Students were able to choose from 13 different work packages, ranging from promotion/communication, to aerodynamic and flight control, to mission profile and concept, and others.

- **ISEB Networking Night**
7:00 p.m. – 8:30 p.m. @ Mercure Vaugirard Paris Porte de Versailles (Amédée Gordini Room)
Attendance is mandatory for all ISEB students.
Light snacks and refreshments will be served.

The ISEB networking night will provide ISEB students with the opportunity to mingle and forge connections with each other, with ISEB staff, and with representatives from the global space sector (including industry, government and academia). Each ISEB agency will invite representatives from their respective countries, providing students with an array of potential connections or mentors. Light finger food and refreshments will be served.

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Tuesday, September 20, 2022

- **Women in Aerospace-Europe – Panel**
9:30 a.m. – 11:00 a.m. @ International Student Zone (ISZ)
Attendance is optional for ISEB students.

The Women in Aerospace-Europe (WIA-E) is a not-for-profit global networking platform committed to promoting female talent and leadership across all levels of the European space sector. This event will consist of two back-to-back panels featuring executive women as the panelists. The focus of the panels will be on diversity and inclusion, and specifically the work that the WIA-E members have been involved in. Each panel will be followed by a question and answer period, with the aim of inspiring the new generation and empowering women and underrepresented groups to discuss diversity and inclusion matters.

- **Lunchtime Sessions – JAXA and ESA**
12:00 p.m. – 1:00 p.m. @ International Student Zone (ISZ)
Attendance is mandatory for all ISEB students.

Select ISEB students sponsored by the Japan Aerospace Exploration Agency (JAXA) and the European Space Agency (ESA) will present ePosters of their research and deliver a lightning talk (3 minutes each), followed by a short question period. The Lunchtime Sessions provide ISEB students with an additional opportunity to present their research and develop their presentation skills in front of a wide audience representing diverse backgrounds.

- **Next Generation Plenary – Space and the Arts: from STEM to STEAM**
1:00 p.m. – 2:00 p.m. @ International Student Zone (ISZ)
Attendance is optional for ISEB students.

This panel aims to highlight the different artistic and creative endeavours happening in the space sector. Art and creativity are some of the most fundamental means of human expression. As we look to the wonders of space and science, many draw on their creative skills to share this awe with their local and global communities. From space artists to poets, architects to communicators, art comes in many forms. This panel will be moderated by Dr. Chris Boshuizen, and the panelists will be students or young professionals selected by the Next Generation Plenary committee.

Wednesday, September 21, 2022

- **IAC 2022 Public Day – STEM Outreach Activities**
9:30 a.m. – 4:15 p.m @ International Student Zone (ISZ)
Attendance is optional for ISEB students, however student volunteers are needed.

In collaboration with ESERO France, ISEB will be hosting a series of workshops in the ISZ that will aim to inspire local youth and teach them cool and interesting concepts related to space science and technology. Up to 180 young students participate, and will be accompanied by youth group chaperones. Workshops will be highly interactive and will focus on concepts such as solar storms, planetary motion, satellite operations, astronaut physical training, and artificial intelligence.

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Thursday, September 22, 2022

- **E1.8 Technical Session – Hands-on education and outreach**

9:45 a.m. – 12:45 p.m. @ International Student Zone (ISZ)
Attendance is optional for ISEB students.

During this technical session, researchers will demonstrate and share effective hands-on activities and experiments to explore, teach and reinforce space-related concepts. During the session, presenters will not only present the ideas behind the activity, but also demonstrate it hands-on in the ISZ.

- **Lunchtime Sessions – NASA, CNES and KARI**

1:00 p.m. – 2:30 p.m. @ International Student Zone (ISZ)
Attendance is mandatory for all ISEB students.

Select ISEB students sponsored by the National Aeronautics and Space Administration (NASA), the Centre national d'études spatiales (CNES), and the Korea Aerospace Research Institute (KARI) will present ePosters of their research and deliver a lightning talk (3 minutes each), followed by a short question period. The Lunchtime Sessions provide ISEB students with an additional opportunity to present their research and develop their presentation skills in front of a wide audience representing diverse backgrounds.

- **Discovery Cruise on the Seine**

6:30 p.m. – 7:30 p.m. @ Eiffel Tower (meeting point – More details to follow)
Attendance is optional for ISEB students (participants will be required to register and pay – €18)

For students and staff not attending the IAC 2022 closing gala, this event will allow you to discover the best of Paris on a guided discovery cruise on the Seine. Embark at the foot of the Eiffel Tower and enjoy the marvellous spectacle as we float by the most famous monuments and bridges of Paris, by day and by night. From the Eiffel Tower to the Arab World Institute, passing by the Notre-Dame Cathedral, the Louvre, and the Grand Palais, this cruise will give you an eyeful for a first approach of the City of Light through its main artery: the Seine!

Friday, September 23, 2022

- **Cultural activity**

9:00 a.m. – 2:00 p.m. @ Palais Garnier and Brasserie Rosie
Attendance is mandatory for ISEB students
Lunch will be provided.

For the final day of the ISEB student program, students are invited to take in the culture of beautiful Paris. The day will begin with a guided tour of the Opéra Garnier. Feast your eyes on the marvellous architecture of the Paris Opera House, the opulent and work of architect Charles Garnier. Immerse yourself in its mysteries and discover its architectural splendor with a professional guide.

The guided tour of the Palais Garnier will be followed by a semi-private three-course lunch at Brasserie Rosie. Located a few meters from the Place de la Bastille, Rosie is a timeless brasserie made for gourmets of all ages. The founders focus on the quality of the products and the home-made. They travelled more than 10,000 km across France to establish connections with the 130 producers with whom they work directly.