



# Europe's Next Space Generation

## Info package

*“The UN General Assembly declares 4 to 10 October the World Space Week to celebrate each year at the international level the contributions of space science and technology to the betterment of the human condition”*

UN General Assembly resolution, 6 December 1999

In this frame the European Space Agency (ESA) organises the European Space Talks to bring forward the European contributions to the space sector and inform European citizens about and the unique benefits space activities can provide. From 21 June to 31 October 2019, EST initiatives will be organised across all ESA Member States.

## European Space Talks

European Space Talks is a communication campaign initiated by ESA and its Member States. This campaign is designed to enable the European Space Family to raise awareness about Space, organising informal talks and events will sweep across the ESA Member States. The goal of this Europe-wide initiative is to [promote space among the general public](#) in the run-up to the ministerial level meeting of the European Space Agency “[Space19+](#)” and the future of European Space Programmes.

The 2019 edition runs from 21 June until 31 October 2019, and it is dedicated to the 50<sup>th</sup> anniversary of the Moon landing. #SpaceTalks 2019 celebrates this historical event, how it has inspired and continue to inspire us, changing all of our lives. The campaign was launched during a public event at Le Bourget airshow in France by ESA Astronaut THomas Pesquet. Space Talks gives space professionals and enthusiasts a new juicy opportunity to present their research, space applications, passions, and [become a space ambassador](#).

The Space Talks Website is available in 5 languages and participants can register their events and upload original media content to organise a digital Space Talk. Space Talks organisers can find more resources on [ESA Online Shop](#) to support their event with t-shirts and goodies.

Last year, European Space Talks, participants organised around 280 events and reached almost 30000 people with their enthusiasm. Due to its great success, ESA is reopening the campaign. This Space Talks is also organised within the framework of the worldwide UN Space Week.



## Space19+

ESA's next Ministerial Council, called 'Space19+', will be held in November 2019. Ministerial Councils bring together ESA's Member States and observers every two to three years to decide on new proposals and funding for ESA's next years of work.

Space19+ will be an opportunity to direct Europe's 'next generation' ambitions in space, and address the challenges facing not only the European space sector but also European society as a whole. The date and place of the next ESA Council meeting at ministerial level, called 'Space19+', are 27-28 November 2019. This meeting will be preceded by an ESA Council meeting at ordinary level on 26 November 2019. Both meetings will take place in Seville, Spain.

The purpose of holding a European Space Talk with students is to involve what we call the next generation workforce. Those who will deal with sciences, business and law.

The current students' future work will be based on the decisions taken during the upcoming Ministerial Council. We believe that they have the right to choose what they will be developing or working on for the next decades. Involving them will contribute to the support needed for Space19+.

### Space19+ four main programmatic pillars

- ❑ **Science and exploration** brings together topics such as science for a better knowledge of space science and the future of exploration, manned and unmanned.
- ❑ **Space safety and security** is covering two aspects: the first one, Space safety, includes threats originated in space (space debris and near objects coming towards the Earth); the second one, Safety and security, involves threats originated on the surface of the earth (natural disasters and cybersecurity).
- ❑ **Enabling and support** groups launchers, operations, and technology developments. Its purpose is to overextend the possible space activities by creating new technologies for the future (vehicles, launchers, artificial intelligence).
- ❑ **Applications** is the fourth and last pillar of Space19+. Earth observation, navigation and telecommunication are its main focus. The challenges it brings are climate change, new in-space navigation systems, and finally, 5G applications.



## Europe's Next Generation

This event is part of European Space Talks, a pioneering awareness campaign inviting the space community to share their space projects and related benefits with our citizens.

ESA is proposing a digital Space Talk dedicated to the next generation. Students around Europe and beyond will remotely connect and debate about future Space activities that will be discussed at the upcoming Space19+, the ESA meeting at ministerial level.

**Date 8 October 2019**

**Time 18:00 - 20:00**

**Place HEC Hall of Honour, Paris, France**

**Live Stream link TBC**

Europe's Next Space Generation is organised by ESA in collaboration with HEC Business School and ESTACA Engineering School, in Paris, France. ESA invites all Universities with a Space curriculum to remotely connect with Paris, where almost 2000 Aerospace students will be attending.

The programme is interactive and full of surprises. The opening starts at 18:00 and will be broadcasted live, followed by an open debate. Participants will also connect live with ESA Astronaut Luca Parmitano, during the Beyond mission on the International Space Station. An on-line voting to collect the students' views and produce a set of recommendations that will be presented to European Ministers at Space19+, in Seville, Spain, next 27 - 28 November 2019 will conclude the evening.

### First class ambassadors

For centuries, space has been a source of questioning. Astronauts are at the very heart of space issues. They are the most qualified speakers to address a space themed event. Claudie Haigneré & Thomas Pesquet will share their knowledge about exploration. During the evening, they will share their own experience and take part in a debate on the future of space activity in Europe.

### Who is invited?

The future generation of the space sector represent the most important part of the audience. Beyond the passion it generates, space is an environment that requires contributions from multiple disciplines. Students from universities related to space (science, social sciences, business or law) are welcome to participate. They will benefit from the unique appearances of those who contribute to a better knowledge of space environment.



## How to participate

European Universities are invited to join Europe's Next Space Generation. Aerospace Faculty are invited to create local Space Talks inviting one or more senior staff to moderate the talks. Each university is kindly invited to create a registration event at [www.user.spacetalks.net](http://www.user.spacetalks.net), all students are invited to participate. The only necessary logistics are one room with screen and internet to connect with the live stream and follow the programme.

### **6 easy steps to organise Europe's Next Space Generation in your university**

1. Book a university venue
2. Connect to Internet
3. Set up Screen and audio systems
4. Choose a moderator
5. [Create the event for registration](#)
6. Have fun!

## Programme

- **18.00 – 19.00, Live Broadcast from Paris to European universities**

The first part of the evening will feature European astronaut Thomas Pesquet who will share his views and experience to all European Universities through a livestream system. Thomas's presentation will be followed by a message from the International Space Station Commander Luca Parmitano, one of his fellow classmates from the ESA astronaut selection in 2009.

- **19.00 – 20.00, Space Talk debates**

University Faculty members are invited to moderate a debate about the topics discussed with their students with the students. The objective is to create interaction leading to an on-line feedback of all students participating about themes and projects they wish to work on in the future to shape their own future.

Start	End	Programme	Speakers
18:00	18:05	Welcome to Europe's Next Space Generation	<i>HEC Business School ESTACA School of Engineering</i>
18:05	18:10	Introduction and Rules of the game	<i>Philippe Willekens, ESA Head of Communications</i>
18:10	18:20	Space19+ why is it important to talk now about the future?	<i>Jan Wörner, ESA Director General</i>
18:20	18:35	Interactive Session The future of Space Exploration and Science	<i>Thomas Pesquet, Astronaut, Claudie Haigneré, former Astronaut, Jan Wörner, ESA Director General session (animated by two students)</i>
18:35	18:50	Luca Parmitano in-flight call Space Safety is not an option	<i>Luca Parmitano</i>
18:50	19:05	Interactive Session Challenges on Earth, the rising need of Space	<i>Thomas Pesquet, Astronaut, Claudie Haigneré, former Astronaut, Jan Wörner, ESA Director General session (animated by two students)</i>
19:05	19:10	Hand over to the Next Space Generation	<i>Philippe Willekens</i>
19:10	19:55	University Students Space Talks about their vision for Space	<i>Next Space Generation</i>
19:55	20:00	Results of the European Student opinion poll	<i>Philippe Willekens (web streamed only)</i>



## Social Media

ESA will be animating facebook, twitter and instagram channels, providing some insights, answering participants questions and organising watch party for those who cannot participate on site.

Follow the official ESA channels and the Hashtag [#SpaceTalks](#)

 <https://www.facebook.com/EuropeanSpaceAgency/>

 <https://twitter.com/esa>

 <https://www.instagram.com/europeanspaceagency/>

## Contacts

**European Space Talks Project Lead** Nathalie Meusy, ESA, [nathalie.meusy@esa.int](mailto:nathalie.meusy@esa.int)

**Event coordination** Philippe Oster, Head of Communication at HEC Paris, [oster@hec.fr](mailto:oster@hec.fr)

**European University Coordination** Giulia Federico, ESA, [giulia.federico@esa.int](mailto:giulia.federico@esa.int)

**Social Media** Maria Bennet, ESA, [maria.bennett@esa.int](mailto:maria.bennett@esa.int)

**Media Relations** Bernhard von Weyhe, ESA, [bvw@esa.int](mailto:bvw@esa.int)