



Enabling the positive use of Artificial Intelligence for all. A Special Panel discussion on the occasion of the World Telecommunication and Information Society Day (WTISD) 2018. The theme for WTISD-18, *“Enabling the positive use of Artificial Intelligence for all”*, will focus on the potential of Artificial Intelligence (AI) to accelerate the United Nations’ Sustainable Development Goals (SDGs).

In recent years there has been significant progress in AI technology, made possible by tremendous advances in contributing fields, such as Big Data, machine learning, computing power, storage capacity and cloud computing, among others.

As space remains the final frontier, the special panel will discuss the existing and potential for AI-based technologies to facilitate, enable and expand space travel and exploration. The female astronauts on the panel will also discuss their own inspiring examples of breaking gender barriers in space exploration.

Speakers

Liu Yang
 People’s Republic of
 China (the)





First grade taikonaut and the first Chinese woman in space.

Liu Yang joined the Taikonaut Corps of People’s Liberation Army (PLA) in 2010.

She was deputy to the 12th National People’s Congress (NPC), and is currently a part-time vice-president of the All-China Women’s Federation.

On June 16, 2012 she was sent into space aboard Shenzhou 9 with her two crewmates, which accomplished China’s first manual rendezvous and docking with Tiangong 1 target vehicle. During the mission she successfully finished all her duties including daily life care, scientific experiments, spacecraft maintenance, and exercises among others.

<p>Samantha Cristoforetti Republic of Italy (the)</p> 	<p>She joined the European Space Agency (ESA) in September 2009 and was assigned to an Italian Space Agency ASI mission aboard the International Space Station. She was launched on 23 November 2014 on the second long-duration ASI mission and the eighth long-duration mission for an ESA astronaut. Samantha worked and lived on the International Space Station for almost 200 days.</p>
<p>Moderator:</p> <p>Anousheh Ansari: Chairman, XPRIZE Foundation and Space Ambassador</p> 	<p>"First Female Private Space Explorer & First Space Ambassador"</p> <p>On September 18, 2006, Anousheh Ansari captured headlines around the world as the first female private space explorer. Anousheh earned a place in history as the fourth private explorer to visit space and the first astronaut of Iranian descent.</p> <p>Anousheh is a serial entrepreneur and co-founder and chairman of Prodea Systems. To help drive commercialization of the space industry, Anousheh and her family provided title sponsorship for the Ansari X Prize, a \$10 million cash award for the first non-governmental organization to launch a reusable manned spacecraft into space twice within two weeks.</p> <p>She is a life member in the Association of Space Explorers and on the advisory board of the Teacher's in Space project. She currently works to enable social entrepreneurs to bring about radical change globally, with organizations such as X Prize, ASHOKA and the PARSA Community Foundation.</p>

Programme (11.30 to 13.00)

5 mins

WTISD celebration message from António Guterres, Secretary-General of the United Nations

5 mins

Welcome remarks- ITU Secretary-General, Mr. Houlin Zhao

10 mins

Opening address, AI-powered moon shots - Ms. Anousheh Ansari Space explorer and moderator

5 mins

Introductions from Ms. Liu Yang

5 mins

Introductions from Ms. Samantha Cristoforetti

20 mins

Panel discussion with speakers on the potential of technologies in Space.

Moderator: Ms. Anousheh Ansari

15 mins

Q&A with attendees, many of whom will be participants at the [AI for Good Global Summit](#).

5 mins

Closing statement from the Moderator

5 mins

Presentation of awards by ITU Secretary-General, Mr. Houlin Zhao and group photo

5 mins

Presentation of ITU service medal to Marko Jagodic for 50 years of service to ITU by ITU Secretary-General, Mr. Houlin Zhao

Launch of ITU Journal: *"The impact of Artificial Intelligence on communication networks and services"*