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IAC 2018: University of Bremen Presents Space Degree Courses

The 69th International Astronautical Congress 2018 will take place at Messe Bremen from October 1 to 5. Some 5,000 international participants from science, business, and politics are expected. The University of Bremen will present its master's programs in space travel. The congress is organized by the Center for Applied Space Technology and Microgravity of the University of Bremen and the International Astronautical Federation. For those interested, the IAC will offer a public day on October 3.

With its renowned research institutions, Bremen is one of the leading research locations for space exploration and analysis of climate change and the associated scientific disciplines. Innovative companies that work closely with science have their headquarters in Bremen. This interaction of different players, disciplines, and institutions is reflected in the congress program of IAC 2018.

U Bremen Research Alliance Is On Hand

The University of Bremen is represented at the exhibition in the Exhibition Hall (Hall 5). In particular, the university's master's programs in the field of space travel will be presented. They are aimed at graduates with a bachelor's or comparable university degree in engineering sciences, natural sciences, and mathematics. The Bremen-based U Bremen Research Alliance, the German Research Center for Artificial Intelligence (DFKI), the German Aerospace Center (DLR), OHB, Airbus, ArianeGroup, and, of course, the ZARM will also be participating.

2,000 Lectures

There is something for everyone interested in the content of the congress program. Numerous renowned speakers from all over the world are expected to give around 2,000 lectures. A highlight for the ZARM team will be giving its own plenary lecture to present research from Bremen. In addition to the core program of the congress, the Space Generation Congress (SGC) will take place at the University of Bremen from Thursday to Sunday in the last week of September.

Public Day on October 3

In addition, IAC 2018 will include continuing education for teachers on the subject of space travel and a student congress. Lawyers can take part in an extra event in the jury courtroom in Bremen on the topic of the legal aspects of space travel. In addition, a public day is planned for all interested parties on the Day of German Unity, October 3, 2018. Admission is free. The exhibition will be open to the public in the Exhibition Hall from 12 p.m. on the same day. The motto of the main event, which will take place from 1:30 to 4 p.m., is "Space Is Big – Space Is Public." It starts with a discussion about security in space. Topic will include the dangers of space debris, weather events such as solar storms, and the possibilities of planetary defense: early detection, prevention, or mitigation of asteroid or comet impacts. The speakers will be Jan Wörner (ESA Director), Jim Bridenstine (NASA Director), Patrick Michel (CNRS Research Director), Matteo Emanuelli (SGAC), Nicolas Chamussy (Airbus), and Thomas Jarzombek (Aerospace Coordinator for the German

federal government). The discussion will be moderated by Dr. Maggie Aderin-Pocock (British space scientist and science educator).

Live Transmission to the ISS

From 2:45 to 3:05 p.m., there will be a live transmission to the International Space Station (ISS) and a conversation with Alexander Gerst in the ÖVB Arena on October 3. The public day will conclude with a get-together with international astronauts followed by a round of questions. The participants will be Pamela Melroy (USA), Ernst Messerschmidt (Germany), Matthias Maurer (Germany), Koichi Wakata (Japan), Sergey Krikalev (Russia), Micheal Lopez-Alegria (USA), and Thomas Reiter (Germany). The get-together will take place from 3:05 to 4:05 p.m.

Additional Information:

www.iac2018.org

Learn more about the space degree courses at the University of Bremen:

<http://www.uni-bremen.de/raumfahrt-an-der-universitaet-bremen/masterstudiengang/>

www.uni-bremen.de

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About the University of Bremen

Top-performing, diverse, reform-minded, and singularly cooperative – that about sums up the University of Bremen. Around 23,000 people learn, teach, research, and work on its international campus. Their shared goal is to contribute to the advancement of society. With well over 100 degree programs, the range of subjects offered by the University is broad. As one of Europe's leading research universities, it maintains close cooperation with non-university research institutions in the region. This spirit of cooperation led to the founding of the U Bremen Research Alliance in 2016. The University's competence and dynamism have also attracted numerous companies to settle in the technology park surrounding the campus. This has created an important national location for innovation – with the University of Bremen at its heart.