

ISU Chancellor Dr. Buzz Aldrin to address SSP16 in Haifa, Israel on 26 July 2016

Strasbourg, France: Celebrating 47 years since his historic Apollo 11 moonwalk, the International Space University's (ISU) Chancellor, Dr. Buzz Aldrin will visit ISU's 2016 Space Studies Program (SSP16). Dr. Aldrin will address SSP16 participants, faculty and the general public on the evening of 26 July 2016 in the Churchill Auditorium on the Technion campus in Haifa, Israel. Buzz Aldrin is one of only 12 humans to have walked on the moon, and is one of the leading advocates for a human Mars mission.

Each year, ISU honors the memory of one of its greatest supporters, Dr. Gerald Soffen, with a lecture featuring a prominent visionary in the space sector. Few are more visionary or iconic than Apollo 11 moonwalker, Dr. Buzz Aldrin.

Dr. Aldrin earned his Doctorate of Science in Astronautics at the Massachusetts Institute of Technology (MIT) and wrote his thesis on Manned Orbital Rendezvous. He was selected by the National Aeronautics and Space Administration (NASA) in 1963 into the third group of astronauts, and earned the nickname "Dr. Rendezvous." The docking and rendezvous techniques he devised are still used today. He also pioneered underwater training techniques, as a substitute for zero gravity flights, to simulate spacewalking.



In 1966 on the Gemini 12 orbital mission, Buzz set an EVA record for a 5 ½ hour spacewalk. On July 20, 1969, Buzz and Neil Armstrong made their historic Apollo 11 moonwalk, becoming the first two humans to set foot on another world. They spent 21 hours on the lunar surface and returned with 46 pounds of moon rocks. An estimated 600 million people – at that time, the world's largest television audience in history – witnessed this unprecedented heroic endeavor.

Since retiring from NASA, Buzz has remained a vocal proponent of human space exploration. He devised a master plan for missions to Mars known as the "Aldrin Mars Cyclor", and has received three US patents for his schematics of a modular space station, Starbooster reusable rockets, and multi-crew modules for space flight. He founded Starcraft Boosters, Inc., a rocket design company, and Buzz Aldrin's ShareSpace Foundation, a nonprofit devoted to addressing science literacy for children by igniting their passion for science, technology, engineering, arts and math (STEAM) through delivering hands-on STEAM activities and inspirational messages.

Dr. Aldrin is an author of nine books including his New York Times best-selling autobiography entitled, "Magnificent Desolation". He continues to inspire today's youth with his illustrated children's books: Reaching for the Moon, Look to the Stars, and recently released Welcome to

Mars: Making a Home on the Red Planet. His 2013 book, “Mission to Mars: My Vision for Space Exploration”, outlines his plan to get us beyond the moon and on to Mars. As one of the leading space exploration advocates, Buzz continues to chart a course for future space travel and is passionate about inspiring the younger generations of future explorers and innovators.

The SSP is an intense two-month program which offers the participants a unique and comprehensive professional development experience covering all aspects of space programs and enterprises. This session located for the first time in the Middle East, is hosted by The Technion, Haifa, Israel, one of the first universities having launched a satellite and holding a space program.

Further information about the Space Studies Program can be found under:
www.isunet.edu/programs/space-studies-program

And more about SSP16 and public events under ssp16.isunet.edu !

The **International Space University**, founded in 1987 in Massachusetts, US and now headquartered in Strasbourg, France, is the world’s premier international space education institution. It is supported by major space agencies and aerospace organizations from around the world. The graduate level programs offered by ISU are dedicated to promoting international, interdisciplinary and intercultural cooperation in space activities. ISU offers the Master of Science in Space Studies and Master of Science in Space Management programs at its Central Campus in Strasbourg. Since the summer of 1988, ISU also conducts the highly acclaimed nine-week Space Studies Program at different host institutions in locations spanning the globe. ISU programs are delivered by over 100 ISU faculty members in concert with invited industry and agency experts from institutions around the world. Since its founding, 25 years ago, more than 4000 students from over 100 countries graduated from ISU. www.isunet.edu