



**INTERNATIONAL ASSOCIATION
FOR THE ADVANCEMENT OF
SPACE SAFETY**

ANNOUNCEMENTS

IAASS AWARDS 2021 *Call for Nominations*

Dear Member,

The International Association for the Advancement of Space Safety (IAASS) is pleased to announce the opening of the Calls for Nominations of its 2021 IAASS Awards:

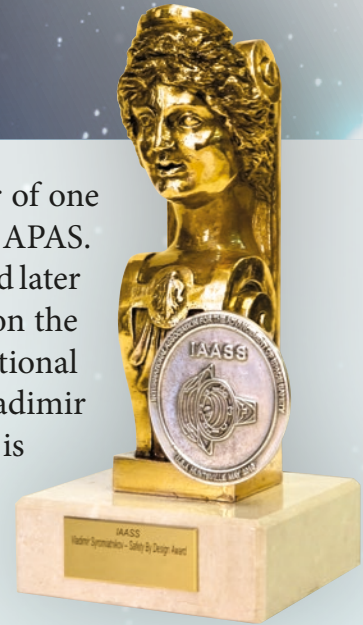
Jerome Lederer Space Safety Pioneer Award

The award is named in honor of Jerome Lederer who was an American aviation-safety pioneer and first director of safety for all of NASA following the Apollo 1 ground testing accident. The award consists of a solid silver handmade statuette reproducing an ancient masterpiece the “Winged Victory”, or Nike (Greek for “victory”) of Samothrace, standing on an hemisphere representing the surface of Mars. The nominee has been working, for a large part of his career, full time in space safety or in a closely related engineering and/or operational fields. The Jerome Lederer Space Safety Pioneer Award is assigned to an individual who has made outstanding contributions in the field of space safety, has shown outstanding support and dedication to space safety, and achieved national and/or international recognition.



Vladimir Syromiatnikov Safety-by-Design Award

Named in honor of Vladimir Syromiatnikov, the Russian designer of one of the most successful piece of space hardware, the docking system APAS. The APAS was first used in the Apollo-Soyuz Test Project of 1975, and later in more than 200 dockings of Soviet/Russian, on the Shuttle, and on the International Space Station. The current global standard, the International Docking System Standard (IDSS), is built on the heritage of the Vladimir Syromniatnikov APAS system. The nominee is an individual who is or has been working, for a large part of his career, full time in the design of space systems and/or in design safety certification. He has shown outstanding support and dedication to space safety and achieved national and/or international recognition. The “Vladimir Syromiatnikov Safety by Design Award” takes the form of a solid bronze statuette representing Athena wielding a silver shield. In the Greek mythology Athena is the goddess of wisdom, science, courage, inspiration, civilization, strength, strategy, justice, skills and shipbuilding. Athena was the embodiment of prudent and intelligent tactics. Athena is the goddess of heroic endeavor. The shield of Athena, called Aegis, represents in this award the safety knowledge.



Joseph P. Loftus Space Sustainability Award

Named after Joseph (Joe) P. Loftus who was the early proponent of orbital debris research. Loftus was among the first to alert NASA officials to the danger to spacecraft and satellites posed by increasing amounts of spent rocket bodies, fragments from spacecraft and other debris from space operations. His efforts led, in 1979, to the first official funding for orbital debris research at NASA. The Joseph Loftus Space Sustainability Award is assigned to an individual which has made outstanding contributions in the field of space sustainability. The award consists of a bronze plaque reproducing in bas-relief a pocket watch with hands on the 11th hour. It symbolize the fast approaching deadline to prevent the Kessler Syndrome, a scenario in which the density of space debris in low Earth orbit (LEO) is high enough that collisions between objects could cause a cascade – each collision generating space debris which increases the likelihood of further collisions, such that . The distribution of debris in orbit could then render space missions the use of satellites unfeasible for many generations.



Leonardo da Vinci Life-long Achievements Award

The Leonardo da Vinci Life-long achievements award recognizes and individual whose life-long work has significantly contributed to the advancement of space safety and to the mission goals and core values of IAASS. The award is named after Leonardo da Vinci, the renaissance genius of science, engineering, and art. The award consists of a bronze plaque reproducing in bas-relief the “Vitruvian Man”. A circle, a square and an emblematic figure of a man in the middle. The IAASS has selected the Vitruvian Man to recognize those special engineers and scientists which through their lifelong dedication to study, knowledge and research have made of scientific inquiry an art centered on the human being.



The winner will be presented the awards at the IAASS Conference Gala Dinner, which is the culmination of the 11th IAASS International Space safety Conference, Osaka (Japan), 19-21 October 2021. More information about the IAASS Awards, awards criteria, and detailed nomination procedure and forms are available at: <http://iaass.space-safety.org/awards/>

Nomination material should be sent before 30 April 2021 18:00 CET to the IAASS Secretariat by email at: iaass.secretariat21@gmail.com

We look forward to receiving your nominations!

Best regards,

Isabelle Rongier
IAASS Chair Awards Committee