

SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
Interactive Presentations (IP)

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ENGAGING THE PUBLIC IN SPACE BY INTEGRATING SCIENCE AND ENGINEERING WITH
THE ARTS**Abstract**

SciArt Exchange (SAE) integrates science and technology with art to inspire and educate the international public. The nonprofit organization aims to promote global dialogue about the impact of science and technology on humanity, form a thriving cross-disciplinary community, and advance innovation for the benefit of all. SAE was conceived based on the international Humans in Space Art Program, which invites participants to communicate creatively about the future of space and uses their multimedia artwork in displays and performances that engage others. The Program's existing portfolio consists of three projects: the Youth Art Competition, the Challenge, and Celebrity Artist-Fed Engagement (CAFÉ). The Humans in Space Youth Art Competition encourages children aged 10-18 years old to submit visual, literary, musical and video artwork. For the 2010-2011 and 2012-2013 contests, 3200 artists from 52 countries submitted entries, and 250 judges from 32 countries evaluated their artwork. The Humans in Space Art Challenge engages college students and early-career professionals. For a 2014-2015 video contest, 160 artists from 16 countries participated, a jury of celebrities from the entertainment industry and astronauts selected the finalists, and the winners received a monetary award and screening of their video in space on the International Space Station. Artwork from the Youth Art Competition and the Challenge has been displayed at over 100 events online, locally worldwide, and in space. The Humans in Space Art CAFÉ project invites professional artists to work with scientists and engineers to support the development of space-inspired artwork of all types. In 2013, the Japanese artist and designer Sputniko! created a music video to inspire girls to become space engineers, scientists and entrepreneurs; her work was presented as an installation at the Museum of Contemporary Arts Tokyo, the Brooklyn Museum, and the Istanbul Design Biennial. In addition to display and performance events, SAE amplifies its reach through social media. In the future, SAE will create recurring events for the Humans in Space Art Program and develop new science-integrated-with-art activities that bring together youth and adults, artists and scientists, industries and educators, and international and local communities. Through its activities, SAE hopes to foster advancement and support for future space exploration, scientific research, and technology development and to rally the global community around issues of common interest.