



Human, Space and Zero gravity

The space exploration of tomorrow

Half-Day conference about space and screening of the movie "Inner Telescope, a space work by Eduardo Kac", directed by Virgile Novarina, produced by the CNES Space Observatory.

December 2, 14:00 – 19:00
National Gallery of ART, Vilnius

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Introduction

Space has always been the scene of the collective imaginary: the place of mystery, which reveals our infinitely small condition while arousing our fantasies of the infinitely large.

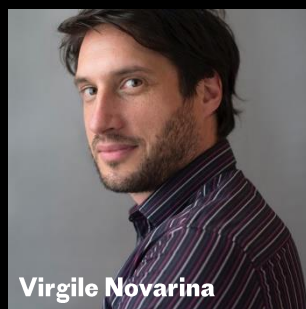
It is this phantasmagorical anchoring in the collective mind that has been the vector of a common genius, carrying the vast enterprise of discovering space and, even more, of appropriating its wonders. This dynamic force that has united so many countries around federative projects, in Europe within the EASA, which Lithuania joined in 2021. This dynamism also led in 2016 to the first artwork in space, the ultimate poetic grasp of the great mystery of the universe, art freed from terrestrial gravity to be embodied in unprecedented conditions. On December 2, 2021, in the framework of the "Human, Space and 0 gravity" conference, we will have the honour of presenting this artistic feat to you through its dedicated documentary. This will come along with the exploring in 4 stages of the major questions revolving around space: the body, exploration, culture and art.

Speakers



Dr Jeremy Saget

Weightless Flight Surgeon,
ZeroG Instructor, Aerospace
Physician.



Virgile Novarina

Filmmaker, artist, and
performer whose work
focuses on the exploration
of sleep.



Jean-Jacques Favier

Former CNES Astronaut,
Honorary Professor at
IMT-Ecole des Mines
d'Albi, Senior Consultant.



Julijonas Urbonas

Artist, designer,
researcher, engineer.
Founder of the Lithuanian
Space Agency.

Program

13.45 – 14.00	Welcome to participants
14.00	Welcome Message from Mr Thomas Buffin, director of the French Institute in Vilnius
14.15	Space and Human body by Dr. Jérémy Saget
14.45	Questions / Panel discussion
15.00	Space and culture by Julijonas Urbonas
15.30	Questions / Panel discussion
15.45	Break
16.00	Space and exploration by Jean-Jacques Favier
16.30	Questions / Panel discussion
17.00	Break – Welcome to public to film screening
17.30	Film presentation by filmmaker Virgile Novarina
17.35	Screening of the film "Inner Telescope, a space work by Eduardo Kac" Directed by Virgile Novarina, produced by the CNES Space Observatory.
18.05	Round-table discussion about the movie and questions from the public
19.00	End of the event



Space and Human body by J r my Saget

Dr Jeremy Saget, MD, MS, EMBA is an Aerospace Physician, a Parabolic Flight Surgeon for the European Space Agencies microgravity Science research campaigns, and a ZeroG Instructor (Novespace).

Experience in UN medical support as an Aeromedical Evacuations Team Flight Surgeon, North Mali, Africa. Committed to leprosy detection in Comores, Indian Ocean.

Crew commander for Mars Analog missions. Masters degree in cognitive Science research from the Polytechnic Institute of Bordeaux, specialized in human factors. ATPL theoretical knowledge Instructor (Human Performance and Limitations, EASA, ATO).

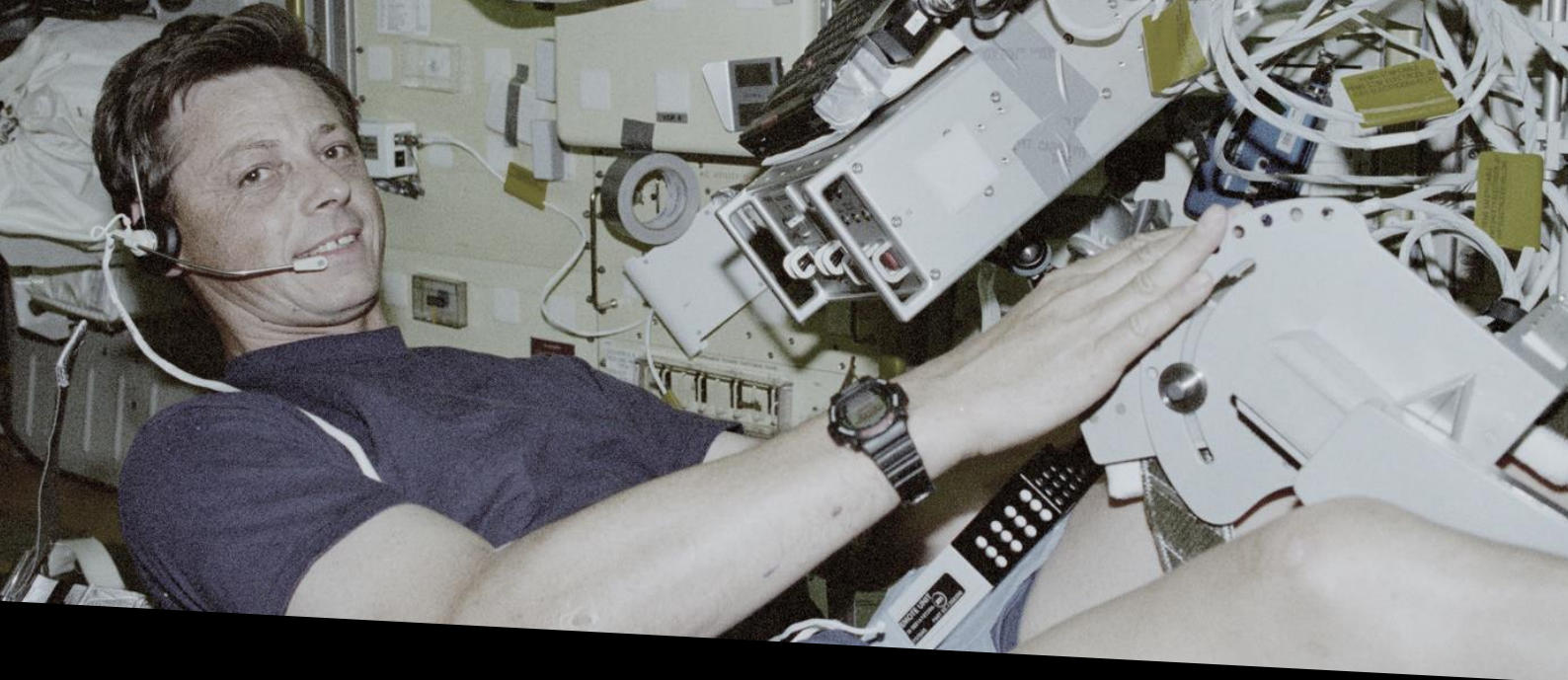
European Society of Aerospace Medicine, Circle of Experts member. Democratization of Space advocate and keynote speaker. Currently working and writing about psychological aspects of ICE missions (Isolated Confined missions in an Extreme environment) and remote medicine challenges.



Space and culture by Julijonas Urbonas

Julijonas Urbonas will present the most recent activities of the Lithuanian Space Agency, an extraterrestrial culture organisation that researches cosmic imagination and gravitational aesthetics. This year, the agency was representing Lithuania in the Venice Architecture Biennale in 2021, where it explored what it would actually take to make a planet from human bodies, raising questions about the sociopolitical implications of such endeavour. Using this and similar projects, Julijonas will talk about the current aesthetic, ethical and political issues concerning space prevalent in existing national and commercial programmes such as cosmic culture and imagination, space colonialism and pollution, policies governing the activities of space exploration and the privatisation of outer space.

Julijonas is an artist, designer, researcher, engineer, lecturer, and Founder of the Lithuanian Space Agency. He is the former prorector of arts at Vilnius Academy of Arts and the CEO of an amusement park in Klaipeda. For more than a decade, he has been working between critical design, amusement park engineering, performative architecture, choreography, kinetic art and sci-fi and has been developing various critical tools for negotiating gravity: from a killer roller coaster to an artificial planet made entirely of human bodies. As part of his research, he has coined the term 'gravitational aesthetics', which involves manipulating gravity to create experiences that push the body and imagination to the extreme. His work has been exhibited internationally and has received numerous awards, including the Award of Distinction in Interactive Art, Prix Ars Electronica 2010. His works have been acquired by private and museum collections.



Space and Exploration by Jean-Jacques Favier

Dr. Jean-Jacques FAVIER is an engineer graduated from the Institut Polytechnique de Grenoble. He got a first PhD in Metallurgy and Engineering from the Ecole des Mines de Paris, then has been granted a solid state physics PhD from the University of Grenoble in 1977. He joins the Nuclear Research Center of Grenoble as a researcher in Materials Sciences, then became Director of the Solidification Laboratory and finally Director of Research of the French Atomic Energy Commission (CEA). He contributed to the preparation of more than a dozen of space experiments in collaboration with different space agencies such as CNES, Soviet Union, ESA and NASA. He is the founder of the MEPHISTO program, a solidification experiment which flew 4 times aboard the space shuttle Columbia.

Selected as astronaut candidate by CNES in 1985, and as Payload Specialist by NASA in 1992, he became back-up on the Spacelab mission IML2 in 1994 then flew as prime on the LMS mission in 1996 aboard Columbia for a 17 days mission.

Back in France, JJ Favier was successively Deputy Director for Space Technologies at CNES, then Dep. Director for Strategy and Advanced Concepts. He has been also appointed from 2014 to 2017, Full Professor and Research Program Director at the International Space University of Strasbourg (France), and Referent Professor at ISAE-Supaero Toulouse in 2017 to 2018.

He is author or co-author of more than 170 publications in peer reviewed journals or international conferences and co-founder of 3 start ups in the space sector.

He is a Member of the International Academy of Astronautics, (IAA), and of several Scientific Associations. He is one of the two co-chairs of the French Technical and Scientific Framework on "Habitats in Extreme Conditions", ARCHES, sponsored by the French Ministry.

He was awarded Chevalier de la Légion d'Honneur in 1997, the Gold Medal of the city of Grenoble, and the NASA Flight Medal



Inner telescope

α space artwork by Eduardo Kac
in collaboration with Thomas Pesquet



α film by Virgile Novarina



YEAR 2017 - DURATION 35' - EDITING AND DIRECTING - VIRGILE NOVARINA - WITH EDUARDO KAC, THOMAS PESQUET (ESA), GÉRARD AZOULAY, HUGUES MARCHAL, THIERRY DUQUESNE - PHOTOGRAPHY VIRGILE NOVARINA, CLEMENTINE RETTIG, WARREN COCKERHAM, LÉON GOMEZ, JEAN SEBAN, CNES, ESA - MUSIC LOUIS DANDRELL - MIXING PHILIPPE JACQUET - EXECUTION LES MACHINEURS, PARIS - PRODUCTION OBSERVATOIRE DE L'ESPACE DU CNES - WITH THE SUPPORT OF FONDATION DANIEL ET NINA CARASSO - POSTER DESIGN DEBORAH GRAPHISME.COM - © PHOTOS ESA/NASA, VIRGILE NOVARINA - © EDUARDO KAC

"Inner Telescope, a space work by Eduardo Kac"

Directed by Virgile Novarina, produced by the CNES Space Observatory (35 min. / 2017)

Created by the artist Eduardo Kac to exist in weightlessness and to be made on board the International Space Station by French astronaut Thomas Pesquet, the work Inner Telescope lays the foundation for a new form of art and poetry, freed from the constraints of gravity. The film "Inner telescope, a space artwork by Eduardo Kac", takes us on an artistic and scientific journey from the conception of the work in Eduardo Kac's studio in Chicago to its realization in orbit by Thomas Pesquet, 400 km from Earth, during the Proxima mission of the European Space Agency.

With Eduardo Kac, Thomas Pesquet, Gérard Azoulay, Hugues Marchal and Thierry Duquesne. Directed by Virgile Novarina. A production of the Observatoire de l'Espace, the cultural laboratory of the french Space Agency (CNES) with the assistance of ESA and the support of the Daniel and Nina Carasso Foundation.



December 2
14:00 – 19:00
National Gallery of ART
Konstitucijos pr.22, Vilnius

Registration is required:
<https://bit.ly/Conference-Cosmos>

Contact – Project coordinator

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