

## Steering Committee

- **Prof. Luca Codignola – Chairperson**

Università di Genova,  
DISAM,  
via Balbi 2  
16126 Genova  
Italy  
Email: codignol@unige.it

- **Dr. Kai-Uwe Schrogl – Chairperson**

European Space Policy Institute  
Schwarzenbergplatz 6  
1030 Wien  
Austria  
Email: kai-uwe.schrogl@espi.or.at

- **Prof. Ulrike Landfester**

Universität St. Gallen  
Kulturwissenschaftliche Abteilung  
Gatterstrasse 1  
9010 St. Gallen  
Switzerland  
Email: ulrike.Landfester@unisg.ch

- **Dr. Marcel Egli**

Eidgenössische Technische  
Hochschule Zürich  
Gruppe Weltraumbiologie  
Technoparkstrasse 1  
8005 Zürich  
Switzerland  
Email: marcel.egli@spacebiol.ethz.ch

- **Prof. Olivier Francis**

Université du Luxembourg  
Campus Kirchberg  
BR B-1  
6, rue Richard Coudenhove-Kalergi  
1359 Luxembourg  
Luxembourg  
Email: olivier.francis@uni.lu

- **Dr. Monique van Donzel**

European Science Foundation  
Standing Committee for the  
Humanities  
1, quai Lezay-Marnésia  
67080 Strasbourg  
France  
Email: mvandonzel@esf.org

- **Dr. Jean-Claude Worms**

European Science Foundation  
European Space Sciences Committee  
1, quai Lezay-Marnésia  
67080 Strasbourg  
France  
Email: jcworms@esf.org

## Conference contact persons

- **General enquiries:**

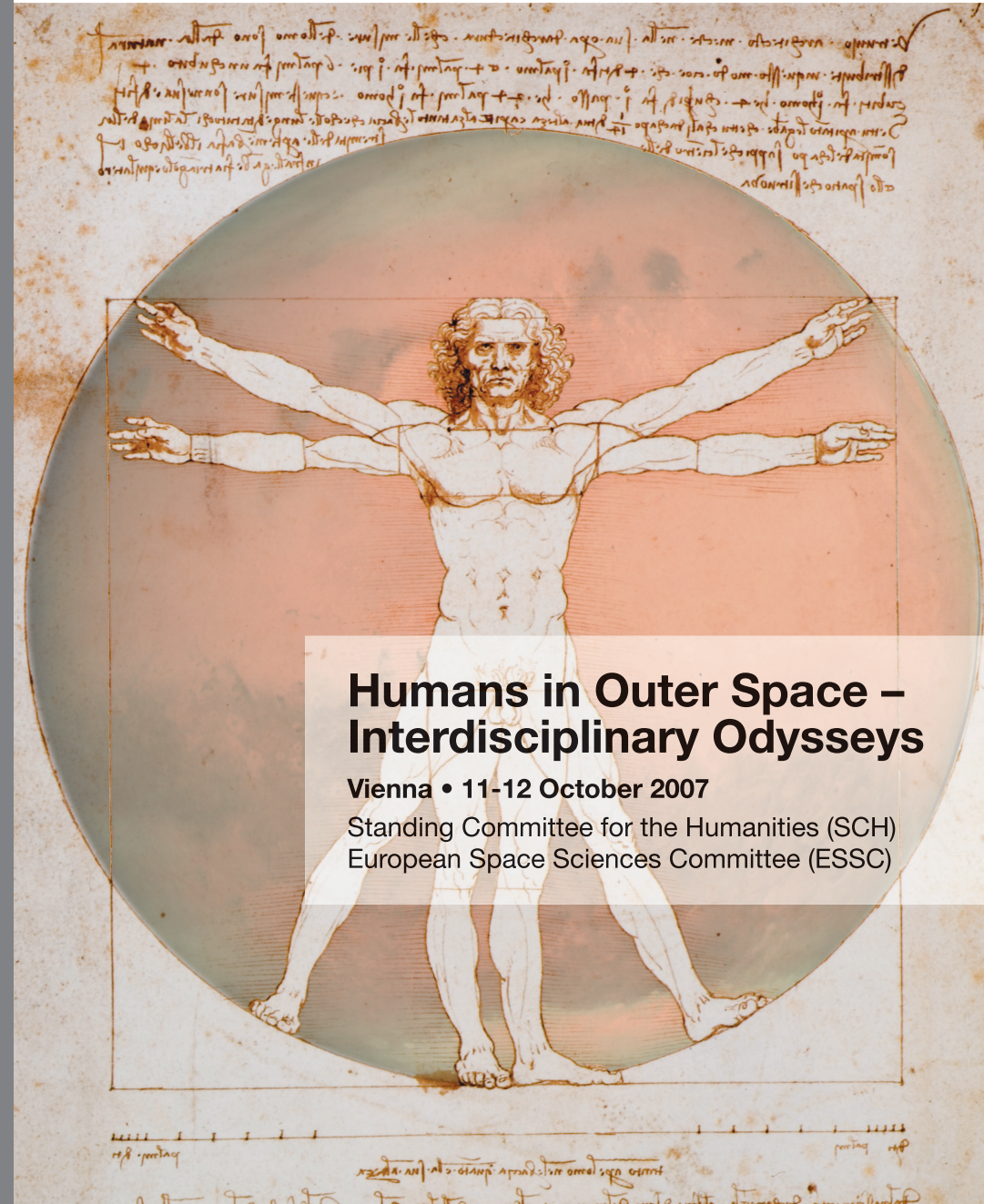
Email: HiOS-Conf@espi.or.at

- **Agnieszka Lukaszczyk**

European Space Policy Institute  
Schwarzenbergplatz 6  
1030 Vienna  
Austria  
Email: a.lukaszczyk@spacegeneration.org

- **Marie Suchanova**

European Science Foundation  
Humanities Unit  
1, quai Lezay-Marnésia  
67080 Strasbourg  
France  
Email: msuchanova@esf.org



# Humans in Outer Space – Interdisciplinary Odysseys

Vienna • 11-12 October 2007

Standing Committee for the Humanities (SCH)  
European Space Sciences Committee (ESSC)

# ESF/ESA/ESPI Conference Humans in Outer Space – Interdisciplinary Odysseys

Vienna, Konzerthaus • 11-12 October 2007

The space-faring nations are heading for the human exploration of the Moon and eventually of Mars. They might be soon prepared with regard to technology development. But they need to benefit also from the humanities (history, philosophy, anthropology), the arts as well as the social sciences (political science, economics, law).

The ESF Standing Committee for the Humanities (SCH) has taken a strong interest in the study of the implications of space exploration by humans. This interest has led SCH to lead an interdisciplinary initiative on this topic with the European Space Sciences Committee (ESSC) and the ESF Standing Committee for Life, Earth and Environmental Sciences (LESC), and organise a workshop in Genoa, Italy, in March of this year. At that workshop scholars who usually have few reasons to meet in scientific forums exchanged views in a non-traditional fashion.

Non-traditional because, beyond the technical aspects linked to human presence in space that have been studied by space scientists and engineers for the last five decades, humans in space pose challenges that go much further than their ability to survive, and questions that can only start to be addressed in the light of modern understanding of historical events such as the Columbian encounter of 1492.

Following Genoa, a major conference will take place in Vienna in October 2007 to further debate and conclude this activity. The publication of corresponding policy by ESF is foreseen.

This conference, co-organised by the European Science Foundation (ESF), the European Space Agency (ESA) and the European Space Policy Institute (ESPI), will be the first comprehensive trans-disciplinary dialogue on humans in outer space. It goes further than regarding humans only as tools for exploration or the better robots. It investigates in the human quest for odysseys beyond the atmosphere and reflects on the possibilities to find extraterrestrial life.

It shall open up new perspectives in assessing humankind's present and future outside the Earth and document this in a "Vienna Vision on Humans in Outer Space".

**Registration fee** for the conference is € 130 (except keynote speakers), which includes participation to the conference, coffee breaks, lunches on both days and dinner on Thursday evening 11 October.

#### You can register on-line at:

<http://www.esf.org/research-areas/space/activities/inif-activities.html>,  
or by sending an e-mail to the conference contact point:  
HiOS-Conf@espi.or.at.

## Draft Programme

### Thursday, 11 October

10.00 – 10.15	Welcome by the Chairmen of the Programme Committee Introduction of the ESF project	BMVT, Codignola, Schrogl van Donzel, Worms
10.15 – 11.45	<b>Setting the scene – Keynotes</b> Encounters Are we alone? Searching for life in the universe and its creation Space and religion	Moderator: Codignola To be confirmed Haerendel To be confirmed
11.45 – 12.15	Space and the movies	Ballhausen
12.15 – 12.30	Next Generation Visions for the Next 50 Years in Space	Lukaszczyk
12.30 – 14.00	Lunch	
14.00 – 15.15	<b>Can we compare?</b> Exploration in the 16th century Exploration inside the human being Better drop analogies	Moderator: van Donzel Muldoon Palsson Grahn TBC
15.15 – 15.30	Break	
15.30 – 17.00	<b>Spatiality - Space as a source of inspiration</b> How we talk and write about space Marketing and branding space Providing inspiration through international cooperation	Moderator: Francis Landfester Keck Peter
19.00	Dinner at a Heurigen	

### Friday, 12 October

09.00 – 10.30	<b>First Odyssey: Humans around the Earth - what effect does it have?</b> With the eyes of an astronaut Human spaceflight, technology development and innovation Human-machine cooperation in space environments Space law in the age of ISS The view we get from outer space	Moderator: Egli  Nicollier Tremayne-Smith Cortellessa von der Dunk Rosnet
10.30 – 11.00	Break	
11.00 – 12.30	<b>Second Odyssey: Humans in exploration - what effects will it have?</b> Humans – more than the better robots for exploration Philosophy of humans leaving the Earth Human spaceflight as a matter of culture and national vision In need of a legal framework for exploration	Moderator: Swings  Baumjohann Arnould Lingner Bohlmann
12.30 – 13.30	Lunch	
13.30 – 15.00	<b>Third Odyssey: Humans leaving the Earth - why we should think!</b> Mars as a place to live? Religion and the question: what happens, if we meet somebody out there? E.T. Culture SETI: social effects of a confirmed positive detection	Moderator: Worms  Horneck Musso  Battaglia Wason TBC
15.00 – 16.00	Reports by session moderators – Conclusions: <b>The Vienna Vision on Humans in Outer Space</b>	Moderator: Schrogl