

ESRIN Knowledge Day

“Fly me to the Moon”

14 November 2008,
15:00 h to 21:00 h

ESA/ESRIN, Via Galileo Galilei, 00044 Frascati (Roma)
Magellan Conference Room

15:00 Dieter Isakeit - ESA, Head of ESA/ESRIN Corporate Communication Office:
- Moonlight Serenade: Welcome and introduction to the event:

Part 1: Fly me to the Moon

15:15 Bernard Foing, ESA, SMART-1 Project Scientist and Executive Director of the International Lunar Exploration Working Group (ILEWG):
- Moonlight Shadow: And if we had no Moon?
- ESA's SMART-1 mission
- Tintarella di Luna: the colours of the Moon
- Blue Moon: Looking for the Earth on the Moon
- Preparing the next steps on the Moon: the Cape Canaveral Lunar Declaration of 31 October 2008

16:00 Detlef Koschny, ESA, Chandrayaan-1 Project Scientist:
- Chandrayaan-1 – India's first mission to the Moon
- Ticket to the Moon: ESA's role in the Chandrayaan-1 mission

16:30 Coffee Break ...

Part 2: Walking on the Moon

16:45 Gianfranco Visentin, ESA, Head of Automation and Robotic Section
- Hijo de la Luna: Introduction into the ESA Lunar Robotic Challenge

17:00 DAVID and pESApod, Robotic Rovers
- Moonlight Drive: Practical demonstration of the two Moon rovers built by the Italian finalists teams in the Lunar Robotic Challenge from University of Pisa and Scuola Superiore Sant'Anna, Pisa

17:30 Dieter Isakeit, ESA, Head of ESA/ESRIN Corporate Communication Office:
- Zen on the Moon: a lunar garden built with a robotic rover, presentation of an ESA artist's residency project with Ayako Ono, Space Artist, Tokyo

17:45 Alexander Soucek, ESA, Earth Observation Directorate Coordination Office:
- Man on the Moon: Walking and working on the Moon

18:15 Carlo Viberti, Presidente SpaceLand, and Kim Marco
- Walking on the Moon – without leaving Earth: walking under Moon gravity on a parabolic flight
- Moonwalker: Kim Marco's (11) parabolic flight experience

Part 3: Talking to the Moon

.18:45 Francesco De Paolis – National Secretary, AMSAT Italy, and Mentor, ARISS Europe

- Marconi's radio experience reflected from the Moon
- La Luna: Practical demonstration of the use of the Moon for amateur radio communication
- The first stop on the way to the Moon: school contacts with the International Space Station via amateur radio

Part 4: Watching the Moon

19:15 Alexander Soucek, ESA, Earth Observation Directorate Coordination Office:

- Introduction into watching the Moon and its man-made brothers with the naked eye and optical instruments
- Practical Moon watching session on the roof terrace in front of the Magellan conference room

Part 5: Moon talk

19:30 Buffet dinner: opportunity to talk about the Moon individually while waiting for an opportunity to watch the Moon on the terrace

21:00 Dark Moon: End of the event