

IAF SPACE EXPLORATION SYMPOSIUM (A3)  
Moon Exploration – Part 1 (2A)

Author: Prof. Bernard Foing  
ESA/ESTEC, ILEWG & VU Amsterdam, The Netherlands, Bernard.Foing@esa.int

ILEWG REPORT TO IAF: SCIENCE, TECHNOLOGY, EUROMOONMARS, MOONBASE,  
MOONVILLAGE, MOONMARS SYNERGIES**Abstract**

ILEWG International Lunar Exploration Working Group has been organising since 1994 ICEUM International Conferences on Exploration Utilisation of the Moon with published proceedings, and where community declarations have been prepared and endorsed by community participants. ILEWG has co-organised and co-sponsored lunar sessions at EGU, COSPAR, EPSC.

ILEWG task groups include science, technology, human aspects, socio-economics, young explorers and outreach, programmatics, roadmaps and synergies with Mars exploration, MoonBase, MoonVillage, EuroMoonMars, ArtMoonMars, Young Lunar Explorers, ILEWG Young Professional Grantees.

Here we focus on ILEWG highlights in Science, Technology, EuroMoonMars, Moonbase, MoonVillage, MoonMars synergies.

ILEWG has also sponsored a number of activities, workshops, tasks groups and publications in collaborations with other organisations: COSPAR, space agencies, IAA, IAF, EGU.

Besides the discussion forums, users can also obtain information on how to participate, as well as details on the latest news and events regarding lunar exploration, forthcoming meetings, relevant reports and documents of importance for the work of the ILEWG, summary descriptions of recent and future lunar exploration projects (such as SMART-1, Chang'E1-5, Selene Kaguya, Chandrayaan-1-2, LRO, LCROSS), GRAIL, ARTEMIS, international lunar exploration projects) funded by various space agencies, and basic data on the Moon itself. Activities of the related space agencies and organizations can also be found.