



**First meeting of the Advisory Committee
on the IASS program**

***Long-distance energy transport through
superconducting electric lines***

**Institute for Advanced Sustainability Studies e.V.
Kleist-Villa, Berliner Str. 130, D-14667 Potsdam, Germany**

Thursday, 29th November 2012

- 09:30 Registration and welcome
- 09:45 Presentation of the superconductivity programme at IASS
Carlo Rubbia, Nobel Laureate, Scientific Director IASS (Chair)
- 10:20 Recent progress on the high-current testing facility for superconducting cables at CERN
Amalia Ballarino, European Organization for Nuclear Research (CERN)
- 10:50 *Coffee break*
- 11:05 Present status of MgB₂ wire manufacturing
Giovanni Grasso, Columbus Superconductors
- 11:30 The perspective of a transmission system operator: A comparison between underground HVDC cables and MgB₂ superconducting cables
Frédéric Lesur, Réseau de transport d'électricité (RTE)
- 12:15 *Lunch*
- 13:30 Presentation of the 1st Draft of the IASS Report on *Socio-economic aspects and motivation of high power long distance direct current superconducting power lines*
Alexander Chervyakov, Adela Marian and Heiko Thomas, IASS
- 14:15 Round-table discussion: insights and suggestions for future developments from the Committee members
- 16:30 *End of meeting*