



International Workshop



**on the
“Key material properties for Myrrha and Astrid”**

*ENEA Headquarters, Lungotevere Thaon di Revel, 76, Rome
March 7-9th, 2012*

The International Workshop on the “Key material properties for MYRRHA and ASTRID” is organized in the frame of MATTER - “MATERials TESting and Rules” project, with the aim of outlining the most relevant key material properties for both SFR and MYRRHA design, in terms of:

- Material compatibility with coolants and welding of Austenitic and Ferritic martensitic Cr-Mo grade steels
- Material damage at High-temperature
- Materials database and design codes

Chair: Ing. Pietro Agostini (Director ENEA Brasimone)

Scientific committee:

Karl-Fredrik Nilsson (JRC)
Jarir Aktaa (KIT)
Georg Mueller (KIT)
Nicola Bonora (Uni. Cassino)
Massimo Sepielli (ENEA)
Sophie Dubiez-le Goff (AREVA)
Serguei Gavrilov (SCK-CEN)

The technical program will consist of invited plenary and specific technical sessions. In the plenary session the main features of the Liquid Metal Fast Reactor systems will be presented. Then, two technical panels will be held, one dedicated to the identification of the key material requirements for MYRRHA and the second to SFR. In the panels, a specific presentation on the considered topic will be held from the point of view of the “design” and the key issues pointed out will be discussed by the panel lists.

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