

Meetings

DEMO R&D Workshop at ENEA

A DEMO R&D materials workshop took place on 8-9 September 2011 Frascati, Italy, hosted by ENEA. It was the 9th workshop in the series, and as usual the participants in the R&D activities for DEMO materials met in their six-monthly appointment to check the progress in the five tasks agreed in the IFERC programme. On this occasion the participants in Frascati were joined by videoconference by scientists in six remote locations in EU and Japan, and the experiment was a success as this allowed a wide participation in the workshop.



The workshop was opened by an overview session in which Dr. N. Nakajima, the IFERC Project Leader, described the recent progress of the IFERC Project and announced that a peer review of DEMO R&D activities will take place in 2012 with the aim of improving the coordination with the DEMO Design activities, and getting input for the second part of the BA period.

Presentations were then made in the five areas of research activities. In particular, EU/JA collaboration activities are progressing in the BR-2 irradiation of EUROFER, F82H and ODS and in development of a data base on irradiated RAFM steels, as well as in erosion/corrosion studies of SiC/SiC composites in LiPb and for physical property studies of SiC/SiC composites.

The highlight of the workshop was the completion and licensing of the DEMO R&D materials laboratory in 2011 in Rokkasho. Materials for R&D containing radioisotopes (RIs) will be used from October 2011. The procurement and installation of most of the key equipment including that for beryllium handling has been completed. In the future, most of the Japanese BA DEMO R&D activities in BA will move there. EU researchers as well as collaborators to JA-IA are welcomed to use these new facilities and equipment at Rokkasho.

In the margin of the Workshop, a technical meeting took place to finish the definition of the equipment that EU, though ENEA, will contribute to the R&D laboratory in Rokkasho to measure erosion of SiC/SiC components in the presence of liquid metals. On the second day, a visit was organized by ENEA to the workshop where the equipment is being constructed. This gave valuable insight to the JAEA scientists on the status of the work.

Finally, our ENEA colleagues extended to all participants their kind hospitality. We will remember the delicious coffee breaks with the home-cooked cakes provided by Mrs. Tosti, and the excellent dinner in the scenic piazza with its views of Rome and the sea. Many thanks to ENEA for their perfect organization!