

First Announcement

International Workshop on:

Performance and Requirements of Structural Materials for modern high efficient fired Power Plants

The increasing demand for energy all over the world together with the need to save fossil resources and reduce greenhouse gases lead to the necessity of high efficient fired power plants. In order to build such high efficient Power plants new materials that are able to bear higher temperatures have to be developed. In the case of steam power plants the research is focused on 9-12% Cr-steels and nickel-based superalloys. The Japanese National Institute for Metalworking Skills (**NIMS**), the German Materials Testing Institute University of Stuttgart (**MPA Stuttgart**) and the German Institute for Materials Technology at the Darmstadt University of Technology (**IfW Darmstadt**) agreed to organize this workshop to exchange experiences in developing new materials for high efficient power plants and to discuss the actual questions of material behavior in highly loaded components of power plants.

The state of the art in material development and future research activities in Japan and Europe will be presented by speakers from the Industry and research institutes. Furthermore design and component behaviour as well as failure and long term behaviour of weldings, data evaluation and monitoring will be discussed.

September 6-9, 2005
Institute for Materials Technology
at the Darmstadt University of Technology
Conference Location:

IfW Darmstadt, Grafenstraße 2, 64283 Darmstadt, Germany

from this site you can download the registration form:
<http://www.mpa-ifw.tu-darmstadt.de>

Please return the registration form via fax to:

+49 6151 16 5659

