

The 15th International Offshore and Polar Engineering Conference & Exhibition

Seoul, Korea, June 19-24, 2005

High-Performance Materials Symposium on

Advanced Welding of Structural Materials

The purpose of the symposium is to provide a forum to discuss recent developments and advances in welding methods, weld metal design and welding of steels and alloys in the oil and gas and related industries. Specific focus topics are listed below:

- Emerging welding processes such as friction stir welding, power beam welding, hybrid processes.
- Advanced welding approaches for LNG
- Advanced welding techniques for use in offshore oil and gas installations (TLP, FPSO, SPAR, compliant tower, risers, offloading, etc)
- Welding of non-ferrous structural materials
- Metallurgical advances for enhanced properties or improved productivity.
- Novel approaches to structural design enabled by advanced welding techniques
- Advances in fabrication and repair welding







