FIRST ANNOUNCEMENT & CALL FOR PAPERS

3rd International Conference
High Strength Steels for Hydropower Plants
Design Concepts – Pressure Conduits

18 - 20 September 2013
Graz University of Technology - Austria
This conference is the continuation of the conferences High Strength Steels for Hydropower Plants held 2005 in Graz, Austria, and 2009 in Takasaki, Japan. These were planned to share experiences and knowledge about the behavior of new appearing high strength steels in conduits of Hydropower Plants.

The worldwide production of electricity undergoes dramatic changes in the recent years that had also tremendous impacts on the demands on Hydro Power. In the last years new experiences have been made in planning, fabrication and service of new plants. Especially for Pumping Power Schemes new service and operation modes are required. This has influence on the load profiles and dimensioning of the conduits.

The scope of the 3rd conference is to discuss the developments of the recent years as well as how to tackle the new challenges caused by the advanced operation modes on the:

- concepts,
- design,
- materials and fabrication

for the conduits. This not only for the steel lining but also under consideration of the interaction between steel lining, concrete and rock. This requires new solutions far beyond actual standards and experiences.

This conference is from interest for engineers and scientists working in all fields of hydropower generation. Representatives of utilities, companies in the field of engineering for hydropower, steel suppliers, welding, fabrication, civil works and quality assurance of hydropower equipment as well as for representatives from universities, research institutions and authorities will share their experiences.

Top specialists will present the state of the art in the different fields and the developments in different countries. Individual contributions, which will be distributed in conference proceedings, are welcome.

**Deadlines:**

Abstract submission: 1 March 2013
Information about acceptance: 31 March 2013
Full paper submission: 31 May 2013
Registration: 15 August 2013
Venue

The 3rd International Conference High Strength Steels for Hydropower Plants - Design Concepts - Pressure Conduits will take place at Graz University of Technology.

How to reach Graz

Graz has direct scheduled flight connections served by Austrian Airlines (Vienna, Düsseldorf, Stuttgart), Lufthansa (Frankfurt, Munich, Stuttgart), InterSky (Friedrichshafen), Airberlin (Berlin), Ryanair (London/Stansted), FlyNiki (Palma de Mallorca, Berlin).

For IIW Annual Assembly 2013 participants in Germany: Düsseldorf International Airport is only 1h flight distance away from Graz.

Conference fee

Delegates: 500 Euro  
Students: 250 Euro

Conference organisation

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