

## Session Program

17-21 Jun 2013



## ICMC-2013, the International Cryogenics Materials Conference

### *Mechanical Properties of Structural Materials*

# Tuesday 18 June

13:30

## Mechanical Properties of Structural Materials: 1MOrD1 orals

Session | Location: Kahtnu 1 | Conveners: Robert Walsh, Toshio Ogata

13:30-14:00

### **[Invited] Estimation of uncertainty for Fatigue crack growth rate at cryogenic temperatures**

**Speaker**

A. Nyilas

14:15-14:30

### **Welded tie plate feasibility study for ITER Central Solenoid structure**

**Speaker**

R.P. Walsh, et al.

14:30-14:45

### **Effect of stress ratio on high-cycle fatigue properties of Ti-6Al-4V ELI alloy forging at low temperature**

**Speaker**

Y. Ono, et al.

14:45-15:00

### **Stress-induced martensitic transformation during tensile test of full-size TF conductor jacket tube at 4.2 K**

**Speaker**

H.H. Yang, et al.

15:00-15:15

### **Cryogenic Mechanical Properties of Fusion-Welded Nitronic 50 Austenitic Stainless Steel**

**Speaker**

E.N. Dalder, et al.

15:30