

**Session Program**

**4-7 Nov 2013**

**4th International Workshop on Mechanisms  
of Vacuum Arcs (MeVArc 2013)**

***Theory and Simulation 1 - Materials and  
Surfaces***

Hotel Les Aiglons  
270 Avenue de Courmayeur 74400 Chamonix-Mont-Blanc

# Tuesday 5 November

14:30

## Theory and Simulation 1 - Materials and Surfaces

**Session** | **Location:** Hotel Les Aiglons, 270 Avenue de Courmayeur 74400 Chamonix-Mont-Blanc | **Convener:** Sergio Calatroni

**14:30-15:00** **Linking intermittent plasticity and RF breakdown**

**Speaker**

Dr Yinon Ashkenazy

**15:00-15:30**

**Computer simulation of Cu surface behavior under high external electric field before and after plasma impact**

**Speaker**

Flyura Djurabekova

**15:30-16:00**

**Electro-mechanical and thermal simulations of surface under electric field**

**Speaker**

Dr Vahur Zadin

**16:00-16:30**

**Coffee**

**16:30-16:50**

**Manufacturing of void-filled cathodes for breakdown experiments**

**Speaker**

Anders Jaakko Korsback

**16:50-17:10**

**MD simulations of Fe precipitates in Cu**

**Speaker**

Simon Vigonski

18:00