

**Session Program**

**3-6 Jun 2013**

**International Workshop on Breakdown  
Science and High Gradient Technology  
(HG2013)**

***High-Gradient Phenomena***

ICTP Trieste  
Strada Costiera, 11 34151 Trieste (ITALY)

# Monday 3 June

11:00

## High-Gradient Phenomena

**Session** | **Location:** ICTP Trieste, Strada Costiera, 11 34151 Trieste (ITALY)

**11:00-11:25**    **Multi-physics simulation of surface under electric field**

**Speaker**  
Vahur Zadin

**11:25-11:50**    **Breakdown turn-on simulations**

**Speakers**  
Kyrre Ness Sjoebaek, Kyrre SJOBÄK

**11:50-12:15**    **Plasma modelling in RF simulations**

**Speaker**  
Alexej GRUDIEV

**12:15-12:40**    **A SW structure possibility for CLIC main linacs**

**Speaker**  
Vasim KHAN

12:40