

## Session Program

12-17 Sept 2010



**HFI/NQI 2010**

## ***SEMICONDUCTORS, METALS AND INSULATORS***

CERN, 500/1-001 - Main Auditorium  
CH - 1211 Geneva 23 Switzerland

# Monday 13 September

14:00

## SEMICONDUCTORS, METALS AND INSULATORS

**Session** | **Location:** CERN, 500/1-001 - Main Auditorium | **Convener:** Prof. Hans Hofsaess

14:00–14:20

### Donor-Acceptor Complexes in ZnO

**Speaker**

Dr Manfred Deicher

14:20–14:40

### Angular correlation studies on $^{172}\text{Lu}(^{172}\text{Yb})$ in GaN and measurement at low temperature

**Speaker**

Mr Riccardo Valentini

14:40–15:00

### PAC study of the dynamic hyperfine interactions at $^{111}\text{In}$ -doped $\text{Sc}_2\text{O}_3$ semiconductor and comparison with ab initio calculations

**Speakers**

Mr Diego Richard, Mr Emiliano Luis Muñoz

15:00–15:20

### Temperature dependence of the hyperfine fields of $^{111}\text{In}$ in sapphire ( $\text{Al}_2\text{O}_3$ ) single crystals

**Speaker**

Mr Michael Steffens

15:20

## Thursday 16 September

09:00

### SEMICONDUCTORS, METALS AND INSULATORS

**Session** | **Location:** CERN, 500/1-001 - Main Auditorium | **Convener:** Kensaku Matsuta

09:40

09:00–09:40

#### MuSR studies of High T<sub>c</sub> superconductivity in iron pnictides

**Speaker**

H. KLAUSS

## Friday 17 September

11:50

### SEMICONDUCTORS, METALS AND INSULATORS

**Session** | **Location:** CERN, 500/1-001 - Main Auditorium | **Convener:** Guido LANGOUCHE

11:50-12:10

#### Modeling Complex Diffusion Mechanisms in L12-Structured Compounds

**Speaker**

Matthew Zacate

12:10