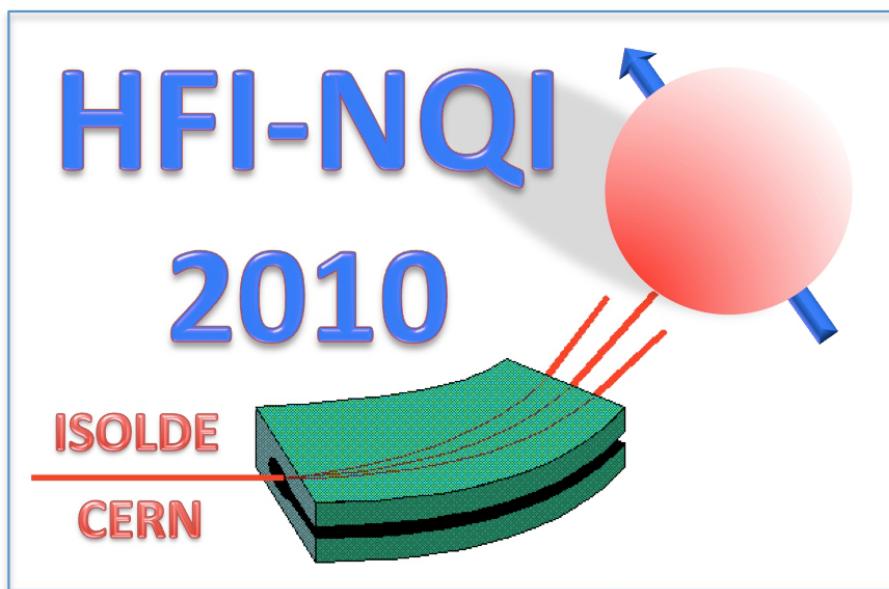


## Session Program

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

09:00-09:40 **MuSR studies of High T<sub>c</sub> superconductivity in iron pnictides**

**Speaker**

H. KLAUSS

09:40

## 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