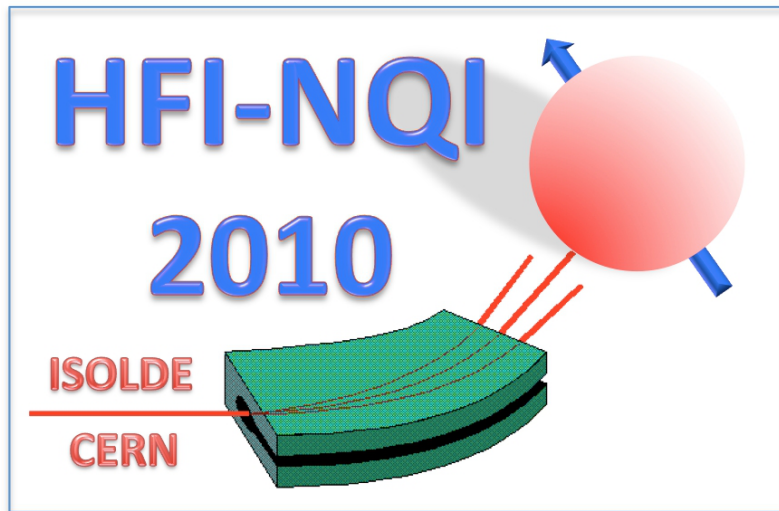


# HFI/NQI 2010



**Sunday 12 September 2010 - Friday 17 September 2010**

**CERN**

## **Scientific Programme**

## **Magnetism and Magnetic materials - Bulk and thin layers**

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## **Theory: Hyperfine Interactions, Nuclear Moments**

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## **Semiconductors, Metals and Insulators**

## **Biology, Chemistry, Medicine**

## **Lattice Dynamics, Ion-Solid Interaction**

## **Surfaces, Interfaces, Thin Films, Nano-structures**

## **Atoms and Ions**

## **Resonance Methods**

Resonance Methods

## **Coherent Phenomena, Synchrotron Radiation, Quantum Optics**

## **Nuclear Moments, Nuclear Polarization, Nuclear Models, Fundamental Interactions**

Nuclear Moments, Nuclear Polarization, Nuclear Models, Fundamental Interactions

# **New Directions and Developments in Methodology**