

# eurorib'10

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## **MINOS: a new active target for in-beam gamma spectroscopy**

*Monday, 7 June 2010 17:50 (10 minutes)*

In-flight gamma spectroscopy of rare isotopes is known to be one of the most efficient tools to investigate shell effects in exotic nuclei. In this presentation, we present MINOS, a project for a new active target dedicated to hydrogen-induced reactions and in-beam gamma spectroscopy at relativistic energies. When coupled to AGATA, the improvement in sensitivity is to reach a factor of several hundreds compared to today's capabilities. In the future, it will take advantage of the most exotic neutron-rich beams produced at the FAIR facility, coupled to the new-generation gamma array AGATA spectrometer.

### **Is this an invited talk? (please answer yes or no)**

no

### **Would you prefer your contribution to be a poster presentation? (please answer yes or no)**

no

### **Would you prefer your contribution to be an oral presentation? (please answer yes or no)**

yes

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