



# Ecole Joliot-Curie School

# Nuclei through the looking glass

High intensity stable and ISOL beam frontier

## 30<sup>th</sup> September to 5<sup>th</sup> October 2012

### La Villa Clythia Fréjus (Côte d'Azur), France

Direct reactions at low energies

Coulomb excitation: A probe of shapes and more

New opportunities with transfer reactions

Aspects of pairing in nuclei

Quest for superheavy elements

Spectroscopy of very heavy elements

The nuclear shell model:  
From single-particle motion to collective effects

Mean field and beyond

Beta decay: A window on fundamental symmetries

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### Organizing Committee

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**Deadline for registration : 1<sup>st</sup> June 2012**

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