

# Nuclei in the Cosmos XII - Satellite Workshop



**Saturday 04 August 2012 - Sunday 05 August 2012**

**The Sebel Hotel**

## Scientific Programme

The "rapid neutron capture process" (r process) is responsible for about half of the heavy element abundances. Although the process was identified already 55 years ago, its exact scenario is still under discussion and one of the major puzzles in astrophysics.

This workshop will bring together theoreticians, stellar modellers, observers, and experimentalists to discuss the state-of-the-art of the r-process.