

## EXPERIMENT: EXP-02- ROSEBUD

*For links to the publications go to the experiment's web:*

<http://www.unizar.es/lfnae/rosebud/index.html>

### Database of publications LSC

**2010-2011**

#### **Publications on refereed journals:**

**Energy partition in sapphire and BGO scintillating bolometers**, Y. Ortigoza et al., *Astroparticle Physics* 34 (2011) 603.

#### **Conference proceedings**

**BGO scintillating bolometer: its application in dark matter experiments**, N. Coron et al., *Journal of Physics: Conference Series* 203 (2010) 012038.

**Detection of fast neutrons with LiF and Al<sub>2</sub>O<sub>3</sub> scintillating bolometers**, N. Coron et al., *Journal of Physics: Conference Series* 203 (2010) 012139.

**2010 update on the ROSEBUD project.**, N. Coron et al., in proceedings of "Identification of Dark Matter 2010", PoS(IDM2010)054.

#### **Oral/poster presentations at conferences**

**Characterization of a SrF<sub>2</sub> scintillating bolometer**, 14th International Workshop on Low Temperature Detectors (LTD 14). Heidelberg, Germany, 1-5 August 2011. Poster.

**Scintillating bolometers for fast neutron spectroscopy in rare events searches**, 12th International Conference on Topics in Astroparticle and Underground Physics (TAUP 2011). Munich, Germany, 5-9 September 2011.

**Measurement of the differential neutron flux inside a lead shielding in a cryogenic experiment**, 12th International Conference on Topics in Astroparticle and Underground Physics (TAUP 2011). Munich, Germany, 5-9 September 2011. Poster.

#### **Invited talks**

**Cryogenic particle detection at the Canfranc Underground Laboratory**, 1st International Workshop for the Design of the ANDES Underground Laboratory. Centro Atómico Constituyentes, Buenos Aires, Argentina, 11-14 April 2011.

**Development of scintillating bolometers for dark matter searches**, 3rd Galileo-Xu Guangqi Meeting. Beijing, China, 11-15 October 2011.

## **Internal notes**

**Caracterización de un bolómetro centelleador de BGO para su aplicación en la búsqueda directa de materia oscura**, Ysrael Richard Ortigoza Paredes, Ph. D Thesis. March 2010. Universidad de Zaragoza.