

EXPERIMENT: EXP-01 – ANAIS

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

<http://gifna.unizar.es/anais/>

Database of publications – LSC

Publications in refereed journals:

Background model for a NaI (TI) detector devoted to dark matter searches, S. Cebrián, C Cuesta, J. Amaré, S. Borjabad, D. Fortuño, E. García, C. Ginestra, H. Gómez, M. Martínez, M.A. Oliván, Y. Ortigoza, A. Ortiz de Solórzano, C. Pobes, b, J. Puimedón, M.L. Sarsa, J.A. Villara, *Astroparticle Physics*, Volume 37 September 2012 Pages 60-69

Conference Proceedings:

TITLE: ANAIS Status Report

AUTHORS: C Pobes, J Amaré, S Cebrián, C Cuesta, E García, H Gómez, J Morales, Y Ortigoza, A Ortiz de Solórzano, J Puimedón, A Rodríguez, M L Sarsa and J.A. Villar

REF. JOURNAL: *Journal of Physics: Conference Series* 203 (2010) 012044 (Editors: E. Coccia, L. Pandola, N. Fornengo, R. Aloisio). *Proceedings of TAUP 2009 Conference held in Rome, July 2009*

TITLE: LOW ENERGY EVENTS IN NaI(TI) SCINTILLATORS. ANAIS STATUS AND PROSPECTS

AUTHORS: J Amaré, S Borjabad, S Cebrián, C Cuesta, D Fortuño, E García, C Ginestra, H Gómez, M Martínez, M A Oliván, Y Ortigoza, A Ortiz de Solórzano, C Pobes, J Puimedón, M L Sarsa and J A Villar

REF. JOURNAL: *Proceedings of Science, SISSA. Proceedings of IDM2010 Conference held in Montpellier, July 2010.* Reference: PoS(IDM2010)020

http://pos.sissa.it/archive/conferences/110/020/IDM2010_020.pdf

Oral/Poster presentations at conferences:

Congress: *International School on Astroparticle Physics: Multimessenger approach to Astroparticle Physics*, University of Zaragoza. Zaragoza, Spain, 13.22 July 2010.

Poster contribution

TITLE: *Low energy events in ANAIS prototype*

PONENT: C. Cuesta on behalf of ANAIS Collaboration

Congress: *4ª Jornada de Jóvenes Investigadores (Química y Física) de Aragón*, Universidad de Zaragoza, Zaragoza (Spain), 18 October 2010

Poster contribution

TITLE: *Low energy events in ANAIS prototype*

PONENT: C. Cuesta on behalf of ANAIS Collaboration

Congress: 39th International meeting on Fundamental Physics (IMPF 2011). Canfranc, Spain, 7-11 February 2011

Poster contribution

TITLE: Low energy events in ANAIS prototype

PONENT: C. Cuesta on behalf of ANAIS Collaboration

Congress: EIROforum School on Instrumentation (ESI 2011), European Photon & neutron Science Campus. Grenoble, France, 15-22 May 2011

Poster contribution

TITLE: ANAIS: Direct Dark Matter detection with NaI(Tl) scintillators

PONENT: C. Cuesta on behalf of ANAIS Collaboration

Congress: 12th International Conference on Topics in Astroparticle and Underground Physics (TAUP 2011). Munich, Germany, 5-9 September 2011

Oral contribution

TITLE: 2011.Update on the ANAIS experiment. ANAIS-0 prototype results at the new Canfranc Underground Laboratory

SPEAKER: C. Cuesta on behalf of the ANAIS Collaboration

Invited talks:

Congress: 39th International meeting on Fundamental Physics (IMPF2011). Canfranc, Spain, 7-11 February 2011

TITLE: ANAIS Dark Matter Experiment

SPEAKER: C.Pobes on behalf of ANAIS Collaboration

Congress: 4th MultiDark Consolider Workshop, Madrid, April 2011

TITLE: DM Searches at Canfranc: ANAIS and ROSEBUD

SPEAKER: M.L. Sarsa on behalf of the ANAIS and ROSEBUD Collaborations

Internal notes:

STATUS REPORT OF ANAIS (EXP-01) for the LSC Scientific Advisory Committee, March 2010

PROGRESS REPORT OF ANAIS (EXP-01-2008) for the LSC Scientific Advisory Committee, September 2010

PROGRESS REPORT OF ANAIS (EXP-01-2008) for the LSC Scientific Advisory Committee, May 2011

PROGRESS REPORT OF ANAIS (EXP-01-2008) for the LSC Scientific Advisory Committee, November 2011

Theses and Dissertations: One PhD Thesis about ANAIS in progress (C. Cuesta).