

## 2<sup>nd</sup> WORKSHOP on Nuclear Astrophysics at the Canfranc Underground Laboratory

LSC, Canfranc Estación, SPAIN, 29 February and 1 March, 2016

<https://indico.cern.ch/event/484637/>

### FIRST CIRCULAR - January 2016

The 2<sup>nd</sup> International workshop on Nuclear Astrophysics at the Canfranc Underground Laboratory will be held at the laboratory headquarters in Canfranc Estación, Huesca, Spain, from 29 February to 1 March, 2016. The workshop follows the first workshop held in 2012 at the same location, and the previous exploratory meeting that took place in Barcelona in 2009. The aim is to discuss the feasibility, the Physics programme and the implementation of the *Canfranc Underground Nuclear Astrophysics* project at the LSC in Canfranc, Spain (<http://www.lsc-canfranc.es/en/>) in the context of existing and planned facilities worldwide. The outcome of the workshop will provide input for the definition of an upcoming proposal to the Scientific Committee, including the physics case, the infrastructure, the accelerator and beam lines, the detection techniques and the instrumentation.

### Venue and access

The workshop will be held at the LSC headquarters, located in Canfranc Estación, Spain. The laboratory can be reached by road from Zaragoza. Transport from Zaragoza AVE (high-speed train) Station to the workshop location will be organized for the participants. A sufficient number of rooms will be pre-booked in a close-by hotel for the participants.

### Workshop format

The workshop will start on 29 February, 2016 after lunch, and finish on 1 March, 2016 evening. The workshop consists of invited and contributed presentations. Several keynote talks will provide a general overview of main physics questions, the technical challenges and similar efforts worldwide. The list of invited speakers include:

Daniel Bemmerer, *Dresden*  
Jordi José, *Barcelona*  
Roberto Menegazzo, *Padova*  
José Luis Taín, *Valencia*  
Davide Trezzi, *Milano*

Contributed presentations by the participants are strongly encouraged. A short abstract can be submitted via the workshop webpage <https://indico.cern.ch/event/484637/> by 12 February 2016. The notification of accepted abstracts will be done by 17 February 2016. We intend to make the talks publicly available via the workshop webpage, prior agreement by the speakers.

Participants are requested to register online at <https://indico.cern.ch/event/484637/>.

### Deadlines

Abstract submission: **12 February 2016.**  
Notification to speakers: **17 February 2016.**  
Registration: **25 February 2016.**

### Organizing Committee

Aldo Ianni, *LSC, Huesca, Spain*  
Berta Rubio, *IFIC, CSIC-Univ. Valencia, Spain*  
Alessandra Guglielmetti, *Università degli Studi di Milano, Italy*  
Christian Iliadis, *University of North Carolina, Chapel Hill, NC, USA*  
Luis Mario Fraile, *Universidad Complutense de Madrid, Spain* - [lmfraile@ucm.es](mailto:lmfraile@ucm.es)

Looking forward to meeting you at Canfranc!