

GERDA Meeting, LNGS 10-12 Nov. 2008



Conference dinner in L'Aquila!

Price of € 28,00 to be payed by Monday evening to Matthias.

Drivers, we need your help. Please provided lifts! Contact Matthias for details

GERDA Infrastructure





Still to be done:

→ Electrical Plants

- ◆ System designed by LNGS and external consultant
- ◆ Includes
 - ◆ Normal & UPS power switchboard and lines
 - ◆ Illumination inside GERDA building
 - ◆ LAN
 - ◆ Telephone
 - ◆ Air conditioning in control room
- ◆ System ordered by Zurich group on Oct. 31st
- ◆ Most switchboards already produced
- ◆ **Installation @ GERDA concluded by Dec. 2008**

Still to be done:



- ◆ Electrical Plants Installation @ GERDA concluded by Dec. 2008
- **Safety Plants**
 - ◆ Fire detection & Oxygen monitoring
 - ◆ Interfaced with LNGS supervision system
 - ◆ Can be interfaced with GERDA Supervision system
 - ◆ System ordered by LNGS
 - ◆ Installation starts at Nov. 10th (today!)
 - ◆ **Installation @ GERDA concluded by January 2009**

Still to be done:



- ◆ Electrical Plants Installation @ GERDA concluded by Dec. 2008
- ◆ Safety Plants Installation @ GERDA concluded by January 2009
- **LN₂-Storage**
 - ◆ Necessary removal of explosion proof doors started
 - ◆ Contacted with LINDE for delivery of LN₂ Tanks still in 2008
 - ◆ Contacted with LINDE also for moving LAr tank (Rn-measured)
 - ◆ **Positioning of tank foreseen by end of 2008**



Still to be done:

- ◆ Electrical Plants Installation @ GERDA concluded by Dec. 2008
- ◆ Safety Plants Installation @ GERDA concluded by January 2009
- ◆ LN₂-Storage
- ◆ **Ventilation**
 - ◆ First design according to ICARUS concept proposed by LNGS
 - ◆ System very expensive and not tuned to GERDA needs
 - ◆ LNGS not able to pay for the system
 - ◆ System rediscussed with LNGS services
 - ◆ LNGS technical services propose a more suitable system for GERDA needs
 - ◆ **LNGS Safety group (SPP) is evaluating the system**
 - ◆ *Project execution:*
 - ◆ *Project ready for tendering: Nov. 30th 2008*
 - ◆ *Contract to be signed on January 15th 2009*
 - ◆ *Start of work on January 20th 2009*
 - ◆ *Ventilation ready on March 30th 2009*
 - ◆ **Ventilation must be in place for filling with LAr**