

# **GERDA**

# Superstructure and System Integration

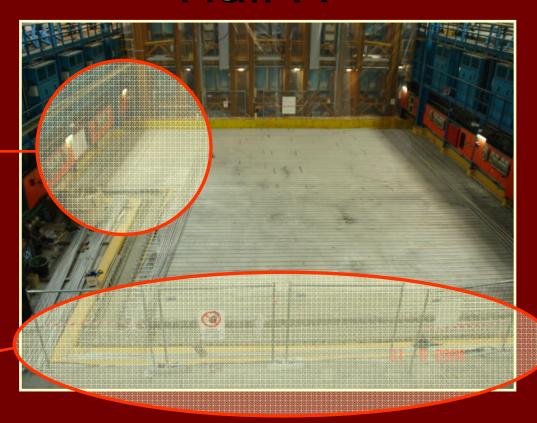


Laboratori Nazionali del Gran Sasso





# Hall A



May 31st



lstituto Nazionale di Fisica Nucleare

M. Castagna



24/07/2006

3

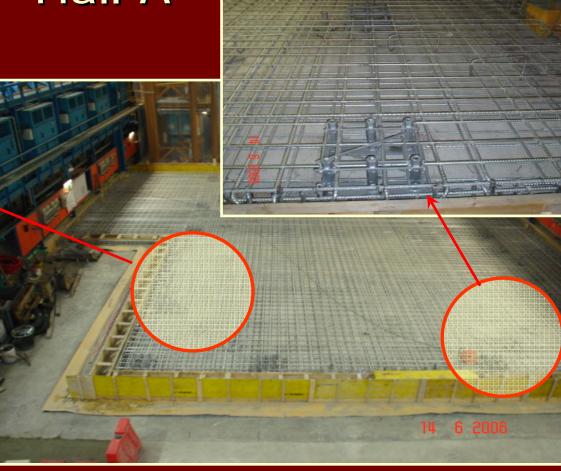


Laboratori Nazionali del Gran Sasso



June 14th

## Hall A



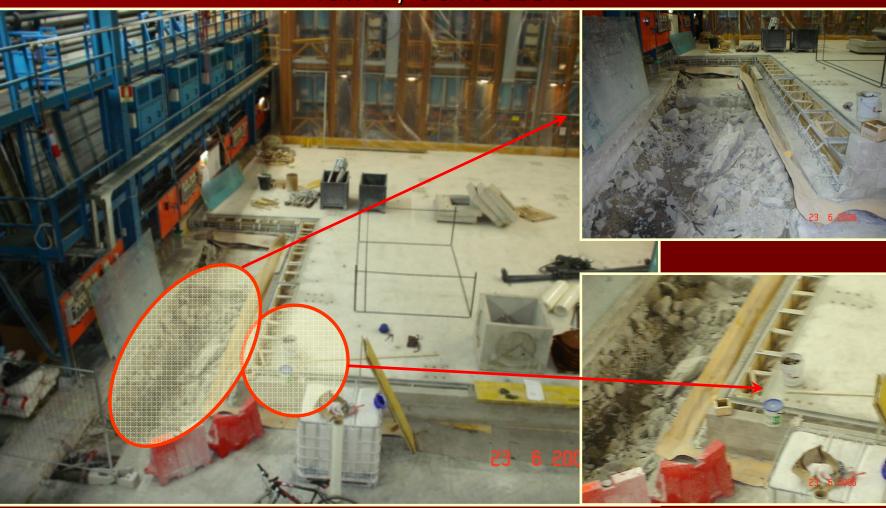


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Service

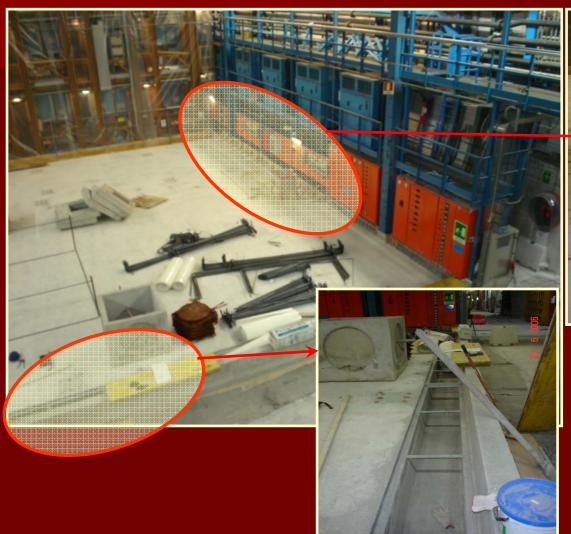
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#### Hall A, June 23rd





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Hall A June 23rd



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Hall A, June 23rd



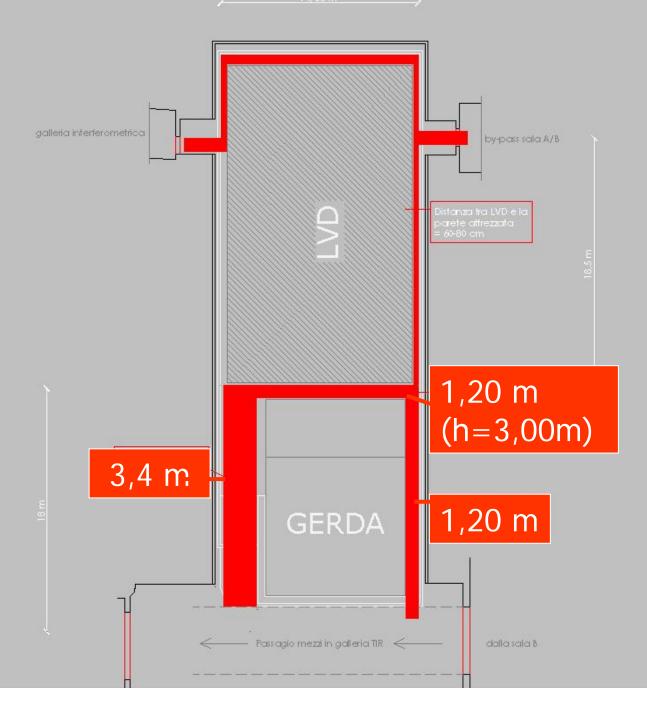


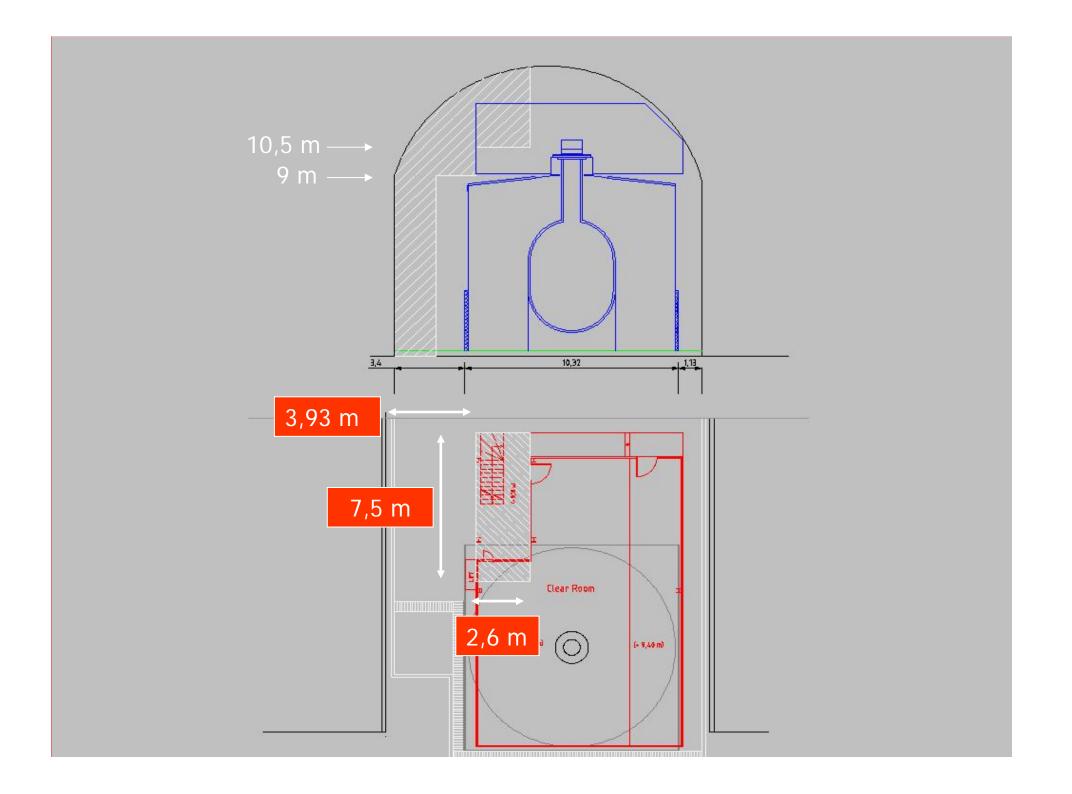
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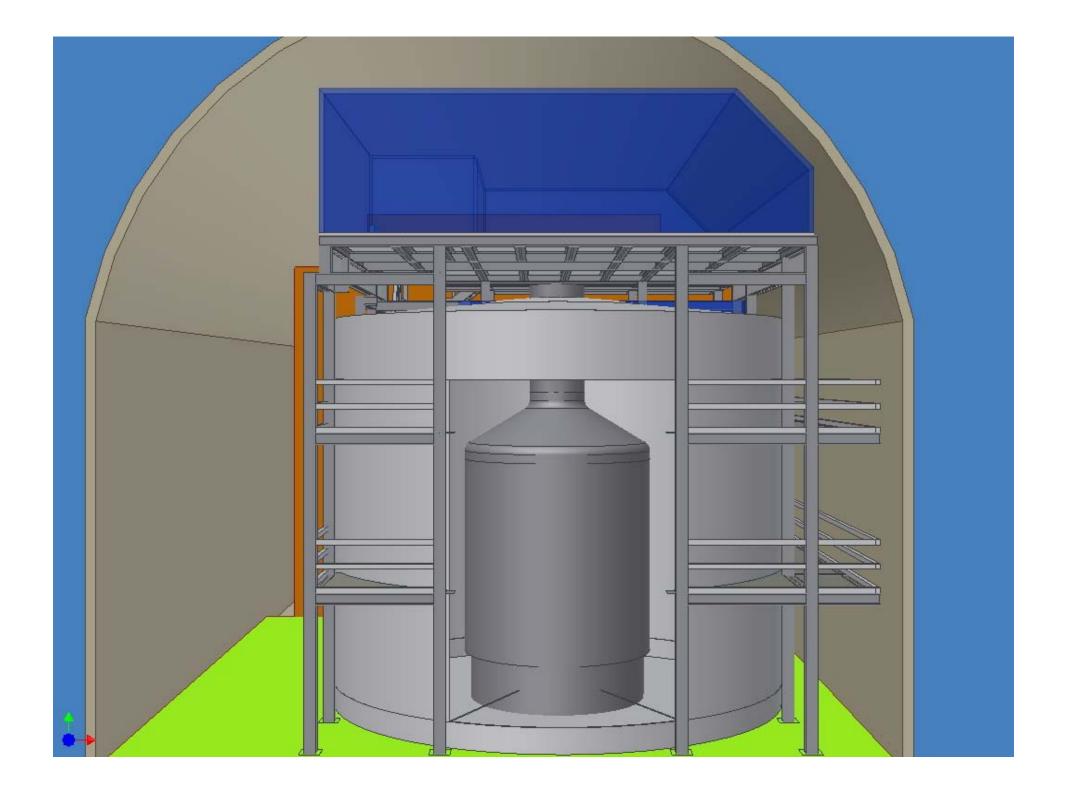
# **GERDA** positioning

The building has to comply 2 constraints

Space for Emergency Exit Space for LVD (dismantling)

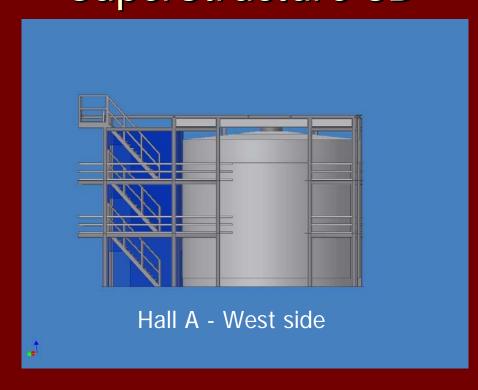








#### Views of GERDA SuperStructure 3D

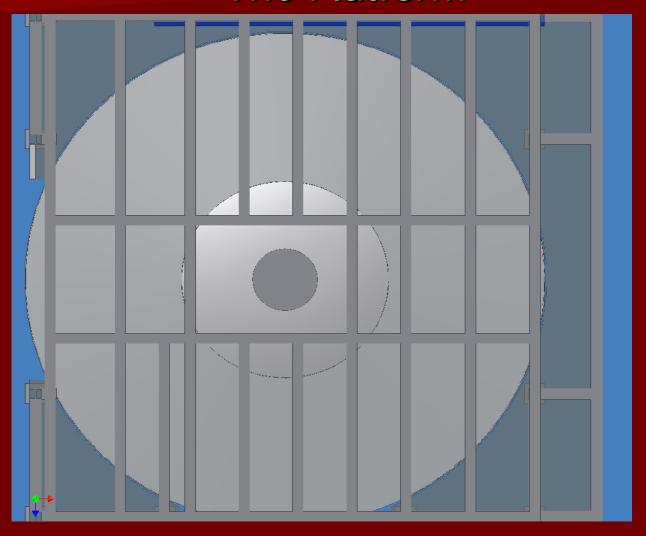








#### The Platform





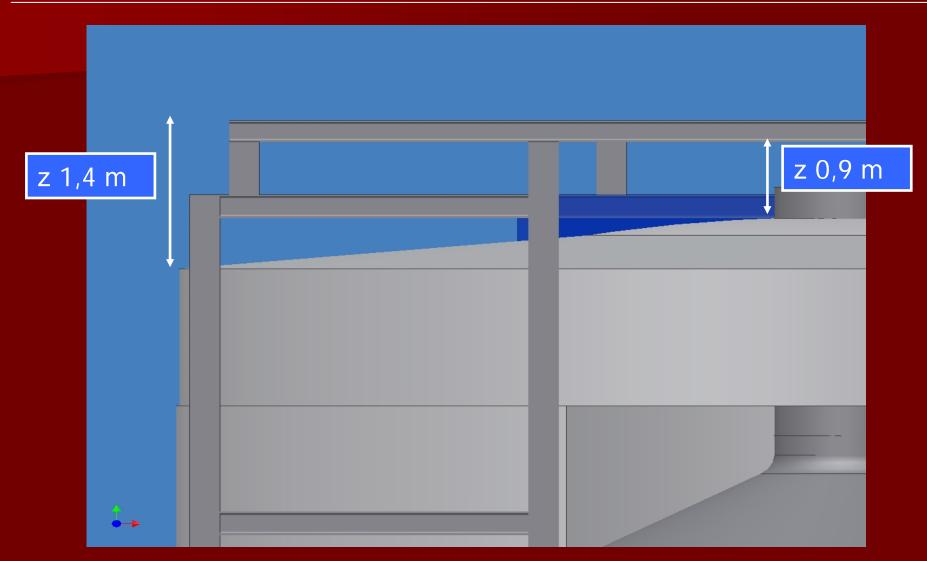
### Emergency access Chimneys for Cables "Critical point" 25 cables per chimney Control System for Cryogenic connection Water Loop



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## System Integration

Position of chimneys and any possible connections between the top of the tank and the penthouse floor

# Evaluation of Space available & Interferences