



# Low Radioactivity Techniques Workshop - LRT2013

## mercoledì 10 aprile 2013

### Session 3 - Low background counting techniques - E. Fermi auditorium (12:10 - 13:30)

-Coordinatori: Richard Ford

time	[id] title	presenter
12:10	[0] Radiopurity control in the NEXT-100 double beta decay experiment	Dr. CEBRIAN, SUSANA
12:30	[22] The Prototype BetaCage: A prototype time-projection chamber material screener for radioisotope surface contamination	Dr. NELSON, Robert
12:50	[50] Pattern recognition techniques to reduce backgrounds in the search for the $^{136}\text{Xe}$ double beta decay with gaseous TPCs	Dr. IGUAZ GUTIERREZ, Francisco Jose
13:10	[18] GERDA Phase II detectors: behind the production and characterisation at low background conditions	MANESCHG, Werner

### Session 3 - Low background counting techniques - E. Fermi auditorium (15:00 - 16:00)

-Coordinatori: Richard Ford

time	[id] title	presenter
15:00	[61] Evaluation of Ultra-Low Background Materials for U and Th using ICP-MS	HOPPE, Eric
15:20	[21] ICP MS measurement of natural radioactivity at LNGS	NISI, Stefano
15:40	[76] Low-level measuring techniques for neutrons: high accuracy neutron source strength determination and fluence rate measurement at an underground laboratory	ZIMBAL, Andreas