



**UNIVERSITÀ
DI TORINO**

Dipartimento
Fisica

Stefania Beolè **Curriculum vitae et studiorum**

Stefania Beolè's is Full Professor of Experimental Physics in the Torino University. Her research activity is mainly devoted to the study of ultra-relativistic heavy ion physics and to the development of particle detectors. The study of heavy ion collisions is finalized to understanding the behaviour of nuclear matter at very high energy density, where the Quark Gluon Plasma is formed.

Stefania Beolè started her carrier in the NA50 experiment at CERN SpS and she's now member of the ALICE collaboration. She worked on the development of silicon detectors for charged particle tracking and identification. She contributed to the construction of the NA50 Multiplicity detector, based on silicon strip technology, then had a leading role in the R&D, construction and operation of the Silicon Drift Detectors for the intermediate layers of ALICE Inner Tracking System (ITS). She's currently the Project Leader of the ALICE ITS, after having been responsible for the production, assembly and characterization of the Outer Barrel Detector Staves for the ALICE ITS2, based on monolithic silicon pixel sensors. She's also involved in the R&D of curved wafer-scale ultra-thin silicon sensors which will equip the innermost layers of the ALICE ITS after LS3 and of monolithic pixel sensor based charged particle trackers for space applications.

Her teaching duties include Laboratory courses on Optics, Electromagnetism and Silicon Charged Particles Detectors.

She's actively involved in Academic life as member of the Research Steering Board of the Physics Department and representative of the Physics Department in the University committee for Disabled students.

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Stefania Beolè



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Via Pietro Giuria, 1 - 10125 Torino (To)
Tel (011) 670.7260/7429/7015 | Mail direzione.fisica@unito.it | PEC
fisica@pec.unito.it