

Giacomo Cuttone (Catania, 18/02/1960) Nuclear Physicist with specialization in Accelerator Physics. He had the Degree in Physic on April 1983 at the Catania University. Researcher at INFN Laboratori Nazionali del Sud (LNS) of Catania since may 1985. In 1995 he was First Researcher (Primo Ricercatore) and in 2002 Research Director (Dirigente di Ricerca).

He was part of Superconducting Cyclotron (CS) project at INFN and, since the beginning of his research activity, participating to its design and realization. He was head of the cyclotron operations and deputy of the accelerator division at LNS in 1994-1998.

He was among the proponents of the EXCYT project at LNS for the production of exotic beams. Within this project he had the responsibility of extracting high-intensity beam from the CS and he participated in the definition and development of low intensity diagnostic devices.

Since July 2002 up to 2008 he was chair of INFN EXCYT national project. During the period covered under his direction, the project had its successful conclusion with the production and first nuclear physic experiment with Li^8 radioactive beam.

Since 1996 he guided the Protontherapy scientific activities at the LNS. He is the head of the LNS protontherapy facility (CATANA), the first protontherapy facility in operation in Italy. Since 2002 up to now about 500 patients has been successfully treated.

He was President of the Executive Committee of the European Integrated Project MAESTRO funded for five years 2005-2009 by EU under the Sixth Framework Program on the "Combating Cancer". Under this project, among others, he was in charge of the working group for the study and development of a program of quality assurance in protontherapy.

He contributed to study, design and develop a superconducting cyclotron for protons and ions for applications in hadrontherapy. He is the member of the Particle Therapy Cooperative Group (PTCOG) Steering Committee.

He was appointed as a member of the OECD Working Group on Nuclear Physics representing INFN. In this context he was the coordinator of the sub-group for the definition of the long term (up to 2020) activities of applied nuclear physics and its interconnections with other scientific fields.

He was member of the EURISOL site panel contributing to the definition of the site requirements for the facility installation.

He was the spokesperson of the INFN GEANT4 (2006-2010) collaboration and member of the Geant4 steering board (2007-2011).

He was President of the INFN Applied Physic National Commission (CSN5), since October 1st 2008 up to July 31th 2011

He was member of the SPES steering committee at INFN-Laboratori Nazionali di Legnaro.

He was member of the selection panel of the NupNET European Project and in charge for INFN of the Accelerators WP of the European Project EurisolNET. Moreover he is member of the industrial applications of future accelerators WP for the PP TIARA.

In August 2009 he was selected by the INFN search Committee for the LNL Director Selection. He didn't accept this invitation being President of CSN5 since less than one year.

He was Director of INFN- Laboratori Nazionali del Sud of Catania since August 1st 2011 until July 30th 2019.

He was the Scientific Chair of the PON projects Km3NeT-Italia and EMSO Medit, funded by the Italian Minister of Education, University and Research (MIUR) for the realization of the submarine high energy neutrino telescope (Km3NeT project) in Capo Passero (Italy) and for its applications in Geophysics, Vulcanology and Marine Biology.

He is the Italian Delegate of Horizon2020-Euratom, appointed by MIUR (Italian Minister of Education, University and Research).

He is the INFN coordinator of the scientific committee of the INFN-Egypt Scientific Academy (ASRT).

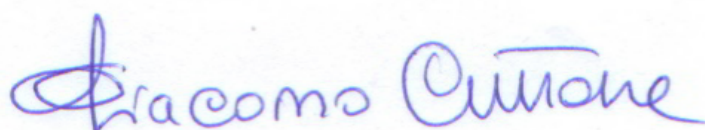
Hi is part of the bilateral scientific committee of INFN with CNR and INGV.

He was the coordinator of the contract for the realization of the research and preclinical beam line ELIMED in Prague.

He is Full Professor of Accelerator Physics at the Physics Faculty, at the Medical Physics School and at Physics Phd School of the Physics Department of the Catania University.

He is the coordinator of the project IDMAR funded by Sicilian Region as Strategic Research Infrastructure on PO FESR 2014-2020. He is also the coordinator of the protontherapy strategic committee of the Sicilian Region.

He is member of the scientific committee of CSFNSM (Centro Siciliano Fisica Nucleare e Struttura della Materia).



Giacomo Ciminone