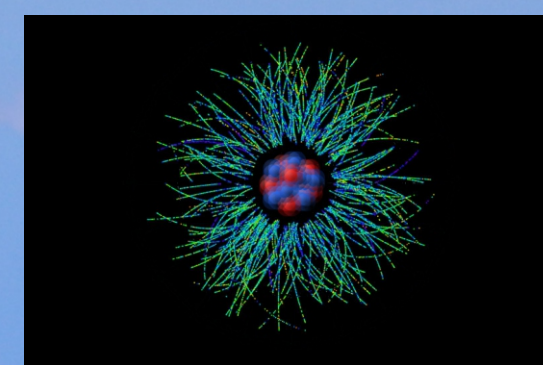


FATA 2019



Fast Timing Applications for Nuclear Physics and Medical Imaging Acireale 3-5 September 2019

Accademia di Scienze Lettere e Belle Arti degli Zelanti e dei Dafnici
Via Marchese di Sangiuliano, 17 - 95024 Acireale (Catania)

The workshop will focus on the most recent developments of Fast Timing techniques for applications of radiation detectors in the fields of nuclear physics and medical applications.

The Workshop will cover the following topics:

- Scintillators and Photodetectors for fast timing.
- Readout electronics for ultrafast detectors.
- Solid state detector technology for fast timing.
- Processing of time stamped data.
- Particle identification in nuclear and high energy physics.
- Precise event time tagging in high luminosity accelerators.
- Towards picoseconds Time of Flight (TOF) resolution.
- Time of flight positron emission tomography (TOF-PET) for Medical Imaging and Monitoring of Hadron therapy.

Social events:

social events (excursions to the surroundings of Mt. Etna and Acireale) and social dinner will take place on September 4th.

Special transportations from Acireale to the adjacent seaside will be organized for accompanying persons. More details will appear on the second circular and on the website.

Advisory and Organizing Committee:

G. Cuttone (INFN LNS Catania)
P. Cirrone (INFN LNS Catania)
E. Cisbani (ISS and INFN Roma)
L. Cosentino (INFN LNS Catania)
E. De Filippo (INFN Sezione di Catania)
F. Garibaldi (INFN Roma1)
F. Gramegna (INFN LNL)
C. Guazzoni (Politecnico Milano and INFN Milano)
P. Lecoq (CERN)
S. Majewski (University of California Davis)
E. Nappi (INFN Bari)
J. Nuyts (University of Leuven)
A. Pagano (INFN Sezione di Catania)
E. Pollacco (IRFU Saclay)
J. Pouthas (In2p3 Caen)
F. Rizzo (University of Catania and INFN LNS Catania)
C. Sfienti (Johannes Gutenberg Universitat Mainz)
A. Tumino (University Kore Enna and INFN LNS Catania)

Local Organizing Committee:

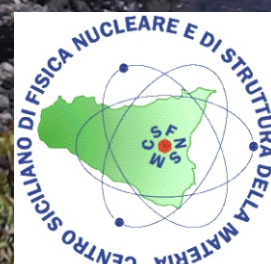
G. Agnello (INFN LNS)
G. Cardella (INFN Sezione di Catania)
G. Contarino (Accademia degli Zelanti e dei Dafnici di Acireale)
M. De Napoli (INFN Sezione di Catania)
E. Geraci (UniCt and Sezione di Catania)
E. V. Pagano (INFN LNS)
S. Pirrone (INFN Sezione di Catania)
G. Politi (UniCt and Sezione di Catania)
S. Reito (INFN Sezione di Catania)
P. Russotto (INFN LNS)



INFN



Università di Catania



CERN



Accademia degli Zelanti e dei Dafnici



Comune di Acireale

Web: <https://agenda.infn.it/event/18991>

email: FATA2019@ct.infn.it

Santo Reito designer