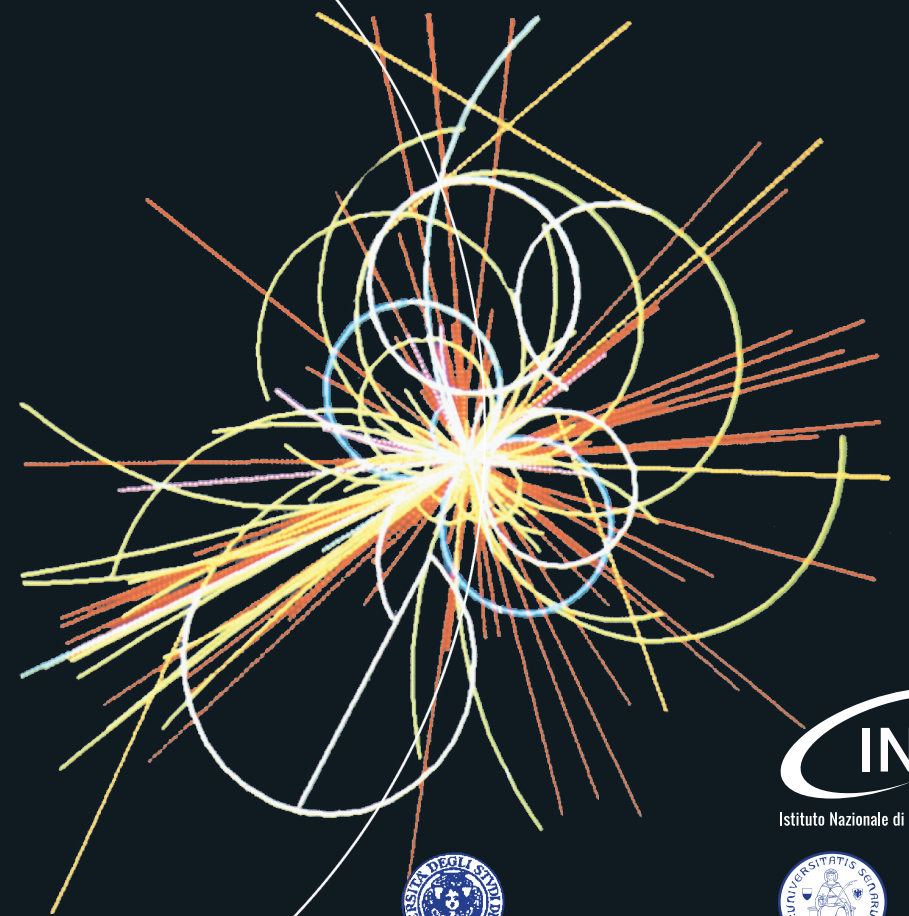


# Frontier Detectors for Frontier Physics

## 14<sup>th</sup> Pisa meeting on advanced detectors

La Biodola • Isola d'Elba • Italy  
27 May - 2 June, 2018



**INFN**  
Istituto Nazionale di Fisica Nucleare



Università di Pisa  
Dipartimento di Fisica



Università di Siena  
Dip. SFTA - Sezione di Fisica



Società Italiana di Fisica



European Physical Society

### TOPICS

New ideas on detection techniques  
Trends in tracking, calorimetry and particle identification  
Detectors for astroparticle physics and cosmic radiation  
Detectors for fundamental physics and gravitational waves  
Neutrino, dark matter and elusive particle detectors  
Synchrotron radiation, X-ray and photon detectors  
Frontend electronics and trigger systems  
DAQ, data management, detector specific software, simulation and data analysis  
Applications to life sciences and other societal challenges (cultural heritage, environment monitoring, homeland security)  
Technology transfer and industrial applications

For further information:  
Giovanni Batignani / Marco Grassi  
INFN - Sezione di Pisa  
Largo Bruno Pontecorvo, 3  
I - 56127 Pisa  
Phone: +39 050 2214352/327  
E-mail: [pisameet@pi.infn.it](mailto:pisameet@pi.infn.it)  
Web: [www.pi.infn.it/pm/2018](http://www.pi.infn.it/pm/2018)

### INTERNATIONAL ADVISORY COMMITTEE

|                  |                   |          |                 |
|------------------|-------------------|----------|-----------------|
| Jonathan Stan    | Bagger Bentvelsen | TRIUMF   | Canada          |
| Luisa Cifarelli  | Helmut Dosch      | NIKHEF   | The Netherlands |
| Eckhard Elsen    | Ferroni           | SIF      | Italy           |
| Fernando Neil    | Geddes            | DESY     | Germany         |
| Paolo Giubellino | Henderson         | CERN     |                 |
| Stuart Juan José | Hernández Rey     | INFN     | Italy           |
| Manfred Jeitler  | Kao               | STFC     | UK              |
| Chi-Chang Klaus  | Kirch             | GSI      | Germany         |
| Nigel Lockyer    | Logatchov         | JLAB     | USA             |
| Pavel V. McBride | Pain              | IFIC     | Spain           |
| Patricia Reynald | Saito             | HEPHY    | Austria         |
| Naohito Nigel    | Smith             | SLAC     | USA             |
| Yifang Wang      | Womersley         | PSI/ETHZ | Switzerland     |
| John Yamauchi    | Yamauchi          | FERMILAB | USA             |
|                  |                   | BINP     | Russia          |
|                  |                   | FERMILAB | USA             |
|                  |                   | IN2P3    | France          |
|                  |                   | JPARC    | Japan           |
|                  |                   | SNOLAB   | Canada          |
|                  |                   | IHEP     | China           |
|                  |                   | ESS      | Sweden          |
|                  |                   | KEK      | Japan           |

### Frontier Detectors for Frontier Physics EXECUTIVE BOARD

|                          |
|--------------------------|
| Alessandro Baldini       |
| Giovanni Batignani       |
| Maria Giuseppina Bisogni |
| Carlo Bradaschia         |
| Franco Cervelli          |
| Giorgio Chiarelli        |
| Roberto Cimino           |
| Maria Agnese Ciocchi     |
| Massimo Ferrario         |
| Francesco Fidecaro       |
| Francesco Forti          |
| Marcello Giorgi          |
| Marco Grassi             |
| Marco M. Massai          |
| Mauro Morganti           |
| Riccardo Paoletti        |
| Valeria Rosso            |
| Angelo Scribano          |
| Gloria Spandre           |
| Arnaldo Stefanini        |

### ORGANIZING COMMITTEE

|                       |                           |
|-----------------------|---------------------------|
| Luca Baldini          | University of Pisa        |
| Giovanni Batignani    | University of Pisa, Chair |
| M. Giuseppina Bisogni | University of Pisa        |
| Giorgio Chiarelli     | INFN - Pisa               |
| M. Agnese Ciocchi     | University of Pisa        |
| Roberto Dell'Orso     | INFN - Pisa               |
| Marco Grassi          | INFN - Pisa, Chair        |
| Marco Incagli         | INFN - Pisa               |
| Alberto Lusiani       | SNS - Pisa                |
| Enrico Mazzoni        | INFN - Pisa               |
| Riccardo Paoletti     | University of Siena       |
| Alessandra Retico     | INFN - Pisa               |
| Giovanni Signorelli   | INFN - Pisa               |
| Paolo Spagnolo        | INFN - Pisa               |
| Gloria Spandre        | INFN - Pisa               |

CONFERENCE SECRETARIAT: Luca Barraco - Erika Cioli - Lucia Lilli - Claudia Tofani

