



# 15th Pisa Meeting on Advanced Detectors

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Arnaldo Stefanini  
 INFN and Università di Pisa

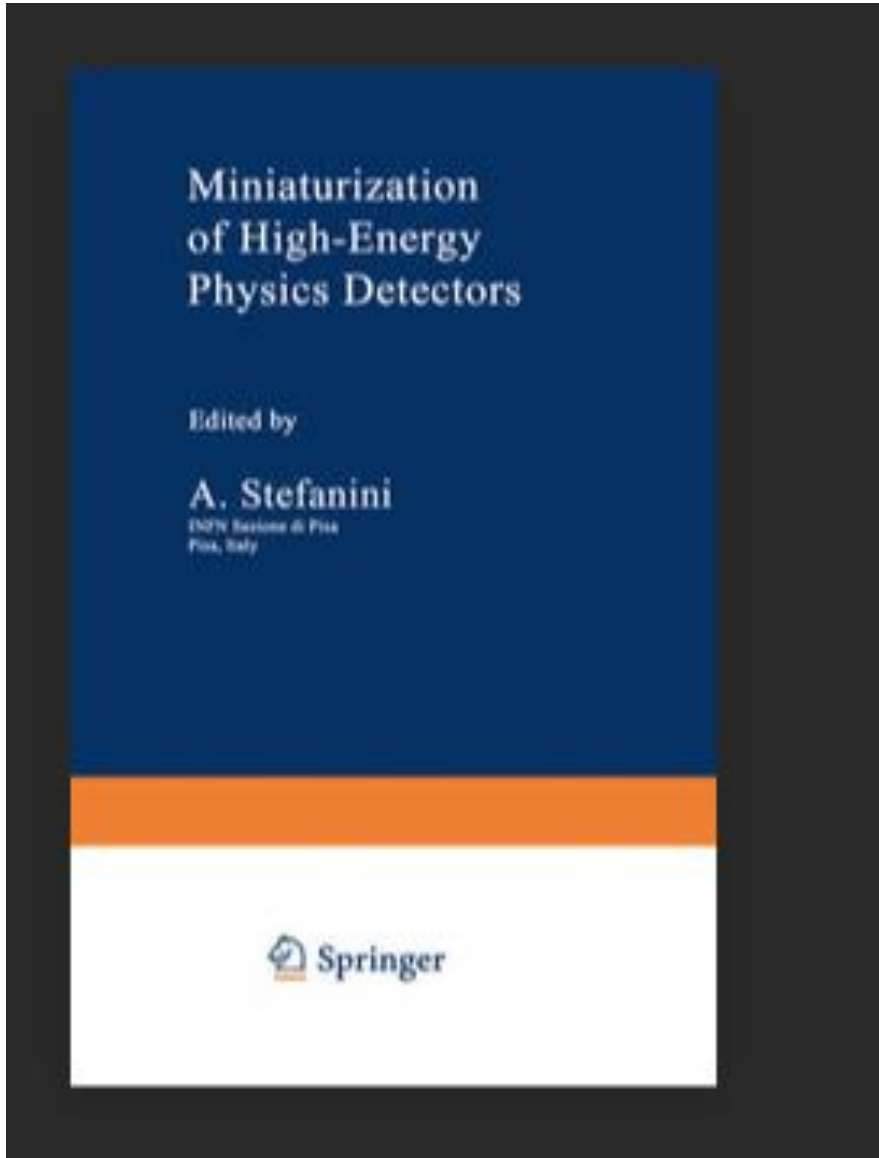
The beginning : Tirrenia 1980

The Proceedings out rather late in 1983

One, by then, very fashionable topic  
The solid state detectors

An optimistic and rather wrong prediction as far  
as apparatuses

But consider the exceptional results obtained with  
the Si Vertex Detectors in every kind of Storage Ring  
and later in medical imaging



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Around 130 participants, not so many, but all those interested in this field

## The Evolution

In 1983 and 1986 the Meeting was held at Riva del Sole, close to Castiglion della Pescaia

Since 1989 was held here at the Hermitage Hotel, Biodola, Isola d'Elba.

Not only the location has changed but the philosophy of the Meeting.  
It was a sort of natural and linear evolution

Not just one main topic but all interesting novelties on instrumentation mainly devoted to HEP  
So I would say the first half of our Logo «**Frontier Detectors** for Frontier Physics»

And adiabatically the second part of the Logo «Frontier Detectors **for Frontier Physics**»

So many fields of experimental physics were added, infact the topics of this year are:

- New Ideas in Particle and Radiation Detection
- Trends in Tracking, Timing, Calorimetry and Particle Identification
- Detectors and Detector Systems for Particle and Astroparticle Physics, and for Cosmology
- Gravitational Wave Detectors
- Applications of Radiation Detectors and Techniques to Societal Challenges
- Technology Transfer and Industrial Applications of HEP Techniques
- Front-End, DAQ, and Trigger Electronics
- Cryogenic and Quantum Sensors
- Large Detectors for Neutrino, Dark Matter, and Other Elusive Particles
- Instrumentation for Quantum Computing
- Simulation, Reconstruction, and Machine Learning Techniques
- Enabling Technologies for Frontier Physics

I FEEL VERY PLEASED TO BE HERE TO MAKE THIS PRESENTATION  
BUT AT THE SAME TIME RATHER EMBARRASSED, WHY ME?

BELIEVE ME I AM NOT ANYMORE AN AMBITIOUS *JUVENILE*,  
BUT THIS IS PART OF MY HISTORY AND I WISH TO SHARE IT  
WITH YOU

THE REASON IS THAT I BELIEVE THAT THE PRESENT AND THE  
FUTURE ARE BASED ON THE PAST AND MUST BE CARRIED ON BY  
THE YOUNG PEOPLE ESPECIALLY IN THIS DIFFICULT INNOVATIVE  
AND IMMAGINATIVE FIELD

WELLCOME TO YOU ALL

# MANY THANKS



Istituto Nazionale  
di Fisica Nucleare



European Physical  
Society



Dipartimento di Fisica  
Università di Pisa



Dipartimento di  
Scienze Fisiche, della  
Terra e dell'Ambiente  
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di Fisica

