

VI Seminario Nazionale Rivelatori Innovativi - SNRI 2018



Monday, 1 October 2018 - Friday, 5 October 2018

at INFN Sezione di Bologna (Via Zamboni, 31, Bologna) - INFN Sezione di Bologna (Via Bertini Pichat 6/2, Bologna) e di Padova (Via Marzotto 9, Padova)

Scientific Programme

The SNRI-VI course is structured in morning and afternoon sessions.

Morning sessions will be mainly devoted to seminars given by worldwide recognized detector experts. They will be held in Bologna, Sala Ulisse, via Zamboni 31, on monday, tuesday, wednesday and friday afternoon, while on thursday they will be held in Ferrara.

Afternoon sessions will be devoted to practical tutorials. "Hands-on" laboratory exercises will allow participants to test detectors and techniques. They will be held in Bologna at the Physics Department, via Berti-Pichat 6/2 and in Ferrara (on thursday).

A bus transfer will be organized for thursday.

TOPICS:

Lectures

Electromagnetic calorimeters

Muon collider

Cherenkov detectors

Neutrino detectors

Tracking in 4D

The ATTRACT project

Lab Tutorials

Silicon trackers

Ultrafast silicon detectors

Readout of plastic scintillators with SiPM

X ray tomography for cultural heritage

Radiography of ancient paintings

GEM detectors with micro TPC

Monitoring of the environmental radioactivity