



# <center>ANSiP-2011 </br> Advanced School and Workshop on Nuclear Physics Signal Processing </center>

## Monday, 21 November 2011

### Physics and Instrumentation; Front-End Electronics; Signal Formation in Radiation Detector and Noise Mechanism; Preamplifiers II (14:30 - 18:20)

time	[id] title	presenter
14:30	[30] Front-end design in CMOS for high resolution detectors	DE GERONIMO, G.
15:15	[31] Front-end electronics solutions for large arrays of segmented detectors	PASCOVICI, G.
15:45	[32] Statistical Suppression of Sign-Symmetric Noise in Spectroscopy Measurements	DEGTIARENKO, P.
16:05	Coffee Break	
16:30	[33] Cutting-edge circuit technology able to boost the dynamic range of CMOS charge-sensitive preamplifiers far beyond their saturation limit	PULLIA, A.
17:00	[34] <Floating Point> Charge Sensitive Amplifier, a large dynamic range energy measurement chip for the focal plane of the Super Separator Spectrometer of the SPIRAL2 project	VALLERAND, P.
17:20	[35] Development of the Time Projection Chamber readout for heavy RI collision experiment	ISOBE, T.
17:40	[36] Open discussion	