



# 4th Summer School on INtelligent signal processing for FrontIER Research and Industry

## Friday, 3 February 2017

**The POSTER SESSION: Presentations by the School attendants of their Poster; A buffet is organized at the same time. -**

**Entrance HALL (11:00 - 14:00)**

**-Conveners: Aurore Savoy Navarro**

time	[id] title	presenter
11:00	[85] Level1 Time Multiplexed Track Trigger for CMS Upgrade at High Luminosity LHC	CALLIGARIS, Luigi
11:06	[86] Scalability of the Time Multiplexed CMS Level1 Track Trigger System	ARDILA, Luis
11:12	[87] An Rz filter for the Time Multiplexed Track Trigger Finder for CMS Upgrade at LHC	CIERI, Davide
11:18	[88] Postural balance assessment and treatment associated to cognitive-behaviour therapy on a space phobia patent	BOFFINO, Catarina
11:24	[89] Differential Signal Processing for the Antennas of the Square Kilometer Array and Integrated Circuit Package Electromagnetic Simulation	WANG, Tailei
11:30	[90] VERILOG Modeling of a Region-Of-Interes Fast L1 Pixel Track Trigger Strategy for LHC	BOGACHEV , Anton LAPIN, Sergei
11:36	[91] R&D of HV-CMOS Pixels	ZHANG, Chenfan
11:42	[92] Design and test of a zero dead time analog front-end for next generation of pixel detectors	NODARI, Benedetta
11:48	[93] Fast iteration and prototyping in HPC medical applications: a case study with Mentor Vista	GARCIA FERNANDEZ, Alberto
11:54	[94] Tuning System for Xilinx MGT Transceivers	FINOTTI FERREIRA, Vitor
12:00	[95] Dual Energy Computed Tomography (DECT)	ROBAYO PUERTO, Lorena Paola
12:06	[96] Techniques for Dynamic Workload Partitioning in High-Performance Heterogeneous Computing Platforms	LOPES, Wilder
12:13	[97] Simulating an antimatter gravity interferometer	NEVES ABRANTES, Lucas
12:20	[98] Measurement of the branching ratio of $D^0 \rightarrow K^0 K^0 K^0$ decays in LHCb	LUAN SOUZA DE ALMEIDA, Felipe
12:26	[99] Ultra High Energy Cosmic Rays, specifically anisotropy studies of the UHECR flux at large angular scales and analysis of the the energy spectrum, from the Pierre-Auger observatory	PEREZ ARMAND, Johnnier
12:35	[100] Planar Antenna Array over the Novel Metallic Anode Metallic Nanowire (MNM) for MM-Wave Applications	AMORESE GALLO GOMES, Leonardo
12:41	[101] Development of filters on a membrane filled with nanowires (MnM) for millimeter-waves applications	MOTA PINHEIRO, Julio
12:47	[102] Test and analysis of radiofrequency pulse characteris4cs for magne4c resonance spectroscopy in phantom and in In Vivo experiments	MARTINS GARCIA, Maira
12:55	[103] IPbus applied to the CMS Level1 Tracking Trigger Upgrade	MULLER CASCADAN, Andre

13:02	[104] Cosmic Rays Experiment at Antarctica	AZEVEDO, Marcos
13:09	[105] Beam Gas Vertexing detector.	SALUSTINO GUIMARAES, Valdir
13:16	[106] SciFi Front-End Electronics Test System A test bench to electronics of the new scintillating fibers tracker at LHCb	AYRES ROCHA, Diogo DE FREITAS CARNEIRO DA GRACA, Ulisses
13:23	[107] Silicon PM Detector Research	VINCENZI NUNES, Christian
13:30	[108] Searching for a Voice "DNA"	SILVA, Eduardo
13:37	[109] Modulation in the Activity of Radioactive Sources	PERCI SANTIAGO, Raphael