

SiPM workshop: from fundamental research to industrial applications

Thursday, 3 October 2019

Astroparticle and space applications: Part 1 - Centro Polifunzionale Studenti (09:00 - 11:00)

-Conveners: Hiro Tajima

time	[id] title	presenter
09:00	[50] Properties of large area SiPM at room temperature	MONTARULI, Teresa
09:40	[14] Characterization method to achieve simultaneously the absolute PDE of all pixels of an ASTRI camera tile in one measurement	Dr BONANNO, Giovanni
10:00	[30] SiPM experience from more than seven years operation of FACT.	NEISE, Dominik
10:20	[20] Status of the development of NUV SiPMs for INFN optical modules for the SCT Medium Size Telescope proposed for the CTA Observatory	LOPORCHIO, Serena
10:40	[24] Optical feasibility of an upgrade of the CTA LST camera to SiPM	PERENNES, Cédric

Astroparticle and space applications: Part 2 - Centro Polifunzionale Studenti (11:30 - 12:50)

-Conveners: Eugenio Scapparone

time	[id] title	presenter
11:30	[49] OMEGA chips for SiPM readout	DE LA TAILLE, Christophe
11:50	[13] Evaluation of a multi-channel silicon photomultiplier with a light concentrator for Medium-Sized Telescopes of Cherenkov Telescope Array	Mr ZENIN, Anatolii
12:10	[26] An ASIC Front-End for Fluorescence and Cherenkov light detection with SiPM for space applications.	Dr CONTINO, Giovanni
12:30	[40] Evaluation and integration of SiPMs in air-shower imaging telescopes for the detection of ultrahigh energy neutrinos	OTTE, Nepomuk

Astroparticle and space applications: Part 3 - Centro Polifunzionale Studenti (15:00 - 16:20)

-Conveners: Giovanni Ambrosi

time	[id] title	presenter
15:00	[51] The Scintillating Fiber Tracker of the HERD facility	AZZARELLO, Philipp
15:40	[36] Particle identification capability of Plastic scintillator tiles equipped with SiPMs for the High Energy cosmic-RadiationDetection (HERD) facility	GARGANO, Fabio
16:00	[33] SiPM Arrays for Space-Based Detectors	Dr HUTCHESON, Anthony L.

Astroparticle and space applications: Part 4 - Centro Polifunzionale Studenti (17:00 - 19:00)

-Conveners: Jon Lapington

time	[id] title	presenter
17:00	[31] FERS: a distributed front-end readout system for multidetector arrays	TINTORI, Carlo
17:20	[32] BurstCube: A CubeSat for Gravitational Wave Counterparts	SMITH, Jacob

17:40	[44] Space-based Extensive Air Shower Measurements using SiPM Detectors in POEMMA	KRIZMANIC, John
18:00	[25] Development and deployment of SiPM in space: from Lazio-Sirad to Mini-EUSO and SPB2	Dr MARCO CASOLINO, Marco
18:20	[27] Radiation Hardness Tests of Si-PMs with a Proton Beam for Future Satellite Missions.	UCHIDA, Nagomi
18:40	[55] Discussion	