

ICHEP 2022

Thursday, July 7, 2022

Technology and Industrial Applications - Room 7 (Gialla) (2:30 PM - 4:30 PM)

-Conveners: Hucheng Chen

time	[id] title	presenter
2:30 PM	[567] Innovation Ecosystems: The ATTRACT Example	GARCIA TELLO, Pablo
2:45 PM	[1177] A new detector to muon tomography for glaciers melting monitoring	RABAGLIA, Sara
3:00 PM	[602] Multipurpose J-PET detector for tests of discrete symmetries and medical imaging	SHIVANI, Shivani SHIVANI, Shivani
3:15 PM	[1236] Quantifying calcium concentration in living cells through detection of photoluminescence single photon trails	VESCO, Guglielmo
3:30 PM	[1189] Worldwide industrial developments for compact accelerators based on the Nb ₃ Sn superconducting radiofrequency (SRF) technology.	GRIGORY, Eremeev
3:45 PM	[741] A Silicon-photomultiplier based random bit streamer I	CACCIA, Massimo
4:00 PM	[1253] Superconducting radio frequency technology enabling new transformative applications in QIS and dark matter searches	GRASSELLINO, Anna
4:15 PM	[475] Power electronics in HEP experimental caverns	GIORDANO, Ferdinando

Technology and Industrial Applications - Room 7 (Gialla) (5:00 PM - 7:00 PM)

-Conveners: Magnus Mager

time	[id] title	presenter
5:00 PM	[1138] Novel techniques for high density channel γ measurements based on SiPM	PERRI, Marco
5:15 PM	[1100] Towards efficient neutron spectroscopy with a Nitrogen-filled Spherical Proportional Counter	MANTHOS, Ioannis
5:30 PM	[1306] MAPS for x-ray detection: trading high efficiency for low cost	GIUBILATO, Piero
5:45 PM	[1043] ORIGIN, an EU project targeting real-time 3D dose imaging and source localization in brachytherapy: commissioning and first results of a 16-sensor prototype.	GIAZ, Agnese
6:00 PM	[1301] Development of a new compact and 2D-multiplexed Time Projection Chamber for muon tomography	LEHURAUX, Marion
6:15 PM	[1303] The Bergen proton-CT	ROEHRICH, Dieter
6:30 PM	[1452] Quantum computing for particle physics applications	TAVERNELLI, Ivano