



# XIX FRASCATI SPRING SCHOOL "BRUNO TOUSCHEK" in Nuclear, Subnuclear and Astroparticle Physics

## Monday, 7 May 2018

### Young Researchers' Workshop - Building 36, Aula Salvini (16:30 - 19:00)

time	[id] title	presenter
16:30	[16] The KLOE-2 Experiment at DAΦNE	KANG, Xiaolin
16:45	[17] Dark Mediator results in KLOE/KLOE-2	PEREZ DEL RIO, Elena
17:00	[18] Searching for dark photon with the PADME experiment	TARUGGI, Clara
17:15	[19] A Diamond Active target for the PADME experiment	OLIVA, Federica
17:30	[20] On Search for Dark Photon and Its Resonant Production in PADME Experiment	GHOSHAL, Anish
17:45	[21] Resonant production of dark photons in positron beam dump experiments	CARVAJAL RUIZ, Cristian David
18:00	[22] HEPD: a new detector for particle and cosmic rays physics	CARFORA, Luca
18:15	[23] The 331 Model	TATULLO, Alessandro
18:30	[24] Accidental Peccei-Quinn symmetry in a model of flavour	BJORKEROTH, Fredrik
18:45	[33] Leptonic dipole moments	PRUNA, Giovanni Marco

# Thursday, 10 May 2018

**Young Researchers' Workshop - Building 36, Aula Salvini (16:30 - 19:00)**

time	[id] title	presenter
16:30	[25] FTK: an hardware based tracker for the ATLAS experiment	SOTTOCORNOLA, Simone
16:45	[26] Construction and test of the MicroMegas chambers for the upgrade of the ATLAS Muon Spectrometer	MANCINI, Giada
17:00	[27] Preliminary study for ttbar resonance search in dilepton channel and performance of muon reconstruction close to jets in ATLAS	DE SANTIS, Maurizio
17:15	[28] The Mu2e experiment at Fermilab: R&D, design and status	DIOCIAIUTI, Eleonora
17:30	[29] Design and status of the Mu2e crystal electromagnetic calorimeter	DONGHIA, Raffaella
17:45	[30] $\rho$ -meson leptonproduction as testfield for the unintegrated gluon distribution in the proton	BOLOGNINO, Andr��e Dafne
18:00	[31] Verifying the performance of the Argon-41 monitoring system from Fluoride-18 production for medical applications	VIRGILI, Nicole
18:15	[34] Search for long-lived neutral particles decaying into lepton-jets with the ATLAS detector in proton-proton collision data at 13 TeV	SEBASTIANI, Cristiano
18:30	[35] Muon reconstruction and identification in the ATLAS experiment at LHC.	VANNICOLA, Damiano
18:45	[36] Search for New Phenomena in dijet events with ATLAS detector at LHC	FRANCESCATO, Simone