SEMINARS AT LNF

Observation of Gravitational Waves from a Binary Neutron Star Merger
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The Electromagnetic Follow up
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Axions across different mass scales
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A Hunt for Dark Matter: a Tale of Direction and Sensitivity
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02/02/2018

Resummation of transverse observables at LHC
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Studying the properties of domain wall network as QCD vacuum
Shalva Bilanishvili (Sapienza Univ.)
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Phenomenology of Z' bosons at the LHC
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06/03/2018

Towards the EDM Polarimetry - Tests of LYSO Modules
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E6-Inspired U (1) Extended MSSM: From Dark Matter to LHC
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Dark Matter and collider signatures of extended Higgs sectors with or without CP violation
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On the way to future circular colliders: new Physics opportunities with top quarks and Higgs bosons
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Self focusing trailing bunch for high quality PWFA experiment at SPARC_LAB
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High resolution TPC based on optically readout GEM
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A Grand-Unified Nelson-Barr Model
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Gas Detectors: general principles
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The usefulness of useless science
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The time challenge: PICOSEC
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About Dark Matter scenarios in Composite Higgs Models and how to probe them
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RF design of high gradient accelerating structures for high brightness electron linacs
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High gradient ultra-high brightness RF photoinjector optimization
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Very low Emittance Muon Beam using positron beam on target
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Beam Gas studies for the FCC ee collider
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Old experiments in a new environment. Quantum Gravity effects from an experimental point of view
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K+ -> pi+ nunubar: first NA62 results
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Development of a Next-generation High-intensity Muon Beam at the Paul Schrrer Intitut (CH)
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Map studies: muon production and cooling
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Design, construction and operation of beam intercepting devices (targets, collimators, dump/absorbers) at CERN
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Beam diagnostics for plasma wake-field acceleration and betatron radiation
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Cosmological inflation in the early universe
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The rainbow ion-solid interaction potential
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Fundamental and applied aspects of particle interaction with atomic strings
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The Neutrino Portal: sterile neutrinos, cosmology and other signatures
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Jet physics at forward rapidity in heavy-ion collisions
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Study of multiplicity evolution of charge dependent 3 particle correlation to probe jet-medium interaction in small collision system
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The quest for dark sectors
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KLEVER: An experiment to measure BR (KL -> pi0 nu anti-nu) at the CERN SPS at the CERN SPS
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Doubling the Frascati INFN Beam Test Facility (BTF)
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Flavor and compositeness
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Flavor Physics for Non-Experts: (a theory) Overview
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DANAE-a new experiment for direct dark matter detection using RNDR DEPFET detectors
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High level software for ELI-NP-GBS beam characterization
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RF Linac optimization for FEL and Inverse Compton Scattering Radiation Sources
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Probing the Proton's Quark Dynamics in Semi-Inclusive Pion and Kaon Electroproduction with CLAS1 at Jefferson Lab.
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Application of the concept of non-specific micro-organisms radionuclide interaction for development methods of radioactive waste water purification
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Application of electrochemical approach for forecasting and analysis of microorganisms-radionuclide interactions
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Laser irradiated foam targets: absorption and Radiative Properties
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The characterization of metal photo-cathode for high brightness electron beam photoinjectors
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Non-specific mechanisms of microbial radionuclide bioaccumulation
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Theory of pump-probe spectroscopy: Ultrafast laser engineering of ordered phases and microscopic couplings
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Beyond Standard Model: the 331 case and its signatures at the LHC
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Searching for Leptoquarks at the high-luminosity LHC
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Searching for Axions in the Lab and in the Cosmo
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"A light Z" as a solution of the 17 MeV anomaly
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From simplified to gauge invariant realizations of light pseudoscalar
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Applications of Stochastic Schroedinger Equations: from Quantum Foundations to Transport Phenomena
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Terahertz Driven Electron and X-ray Sources
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The VHF-Gun Electron, an electron source optimized for high-brightness, high-duty-cycle applications
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Fermilab: Muon g-2 and other news
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