

Talks

1 st Author (participant)	Title
P. Gulshani	A Microscopic Derivation of Nuclear Collective Rotation-Vibration Model and its Application to Nuclei
M L Cortés	Inelastic Scattering of $^{72,74}\text{Ni}$ Off a Proton Target*
P. Descouvemont	Microscopic study of ^6He elastic scattering around the Coulomb barrier
Pieter Doornenbal	Overview of In-Beam Gamma-Ray Spectroscopy at the RIBF*
R. Donangelo	The Statistical Multifragmentation Model: Origins and Recent Advances
Elton S. Smith	Development of Silicon Photomultipliers and their Applications to GlueX Calorimetry
P. Schmidt-Wellenburg	The quest for an electric dipole moment of the neutron
P.A. Butler	Studies of the Shapes of Heavy Pear-Shaped Nuclei at ISOLDE
M. A. G. Silveira	Electric Field and Temperature Effects in Irradiated MOSFETs
A. F. Guerrero	Electronic Stopping Power calculation for Water Under the Lindhard Formalism for Application in Proton Computed Tomography
J.P Valencia	The Role of $g_{9/2}$ Intruder State in the Nuclear Matrix Elements of $^{76}\text{Ge} \rightarrow ^{76}\text{Se} 2\nu\beta\beta(0^+ \rightarrow 0^+)$ Decay
G.G.Adamian (N.V.Antonenko)	Perspectives of Production of Superheavy Nuclei
Héctor A. Múnera	Unified Field Theory From The Classical Wave Equation: Preliminary Application To Atomic And Nuclear Structure
V.V.Sargsyan (G.G.Adamian)	Extracting integrated and differential cross sections in low energy heavy-ion reactions from backscattering measurements
Carlos Bula	PREX Thin Quartz Detector Development
Carlos Granja	Imaging and characterization of primary and secondary radiation in ion beam therapy

Jorge A. López	Computational Thermodynamics of Neutron-Rich Nuclear Matter
Paweł Moskal	Status and Perspectives of the Search for Eta-Mesic Nuclei
Carlos Granja	Mapping the space radiation environment in LEO orbit by the SATRAM/Timepix payload on board the ESA Proba-V satellite
Mirka Fahlander	Dissemination of Research Results from Lund University to Industry and Society
P.-A. Söderström	Status and results from the decay spectroscopy project EURICA (Euroball-RIKEN Cluster Array)
S. Frauendorf	Open Questions On Nuclear Collective Motion
Julian F Pavoni (Oswaldo Baffa)	What happens when spins meet for ionizing radiation dosimetry?
M. Montoya	Coulomb and Even-Odd Effects in Cold and Super-asymmetric Fragmentation for Thermal Neutron Induced Fission of ^{235}U
D. R. Napoli (G. Maggioni)	Germanium Detectors for Nuclear Spectroscopy: Current R&D Activity at LNL
D.R. Napoli	Status of the SPES Project, a New Tool for Fundamental and Apply Science Studies with Exotic Ion Beams at LNL
Parrado G. (Sierra O)	Improvement of Analytical Capabilities of Neutron Activation Analysis Laboratory at the Colombian Geological Survey
L.S. Ferreira	Progresses in proton radioactivity studies
Claes Fahlander	Engaging Local Industry in the Development of Basic Research Infrastructure and Instrumentation – The Case of HIE-ISOLDE and ESS Scandinavia
O. L. Caballero	Neutrino emission, Equation of State and the role of strong gravity
L. Agulles-Pedrós	One Dimensional Spatial Resolution on a Hybrid Low Field MRI-gamma Detector
Helman Amaya	Difusion processes in tumors: A Nuclear Medicine approach
Vanessa Garcia	New Approach to Determine the Incident Alpha Energy and Angle from Track Parameters

A. Abril	2D dose distribution images of a hybrid low field MRI- γ detector
L.G. Sarmiento	Nuclear Spectroscopy with Geant4 : Proton and Neutron Emission & Radioactivity
Joseph B. Natowitz	Giuseppe Viesti- An Appreciation
H. Olaya Dávila	Monte Carlo Simulation of Simultaneous Radiation Detection in the Hybrid Tomography System ClearPET-XPAD3/CT
R. Bijker	Baryon spectroscopy in the unquenched quark model
C.A. Bertulani	The Cosmological Lithium Problem Revisited
O. Naviliat-Cuncic	Searches for Exotic Interactions in Nuclear Beta Decay

Posters

1st Author (participant)	Title
P. Aguilera	Results on the Neutron Energy Distribution Measurements at the RECH-1 Chilean Nuclear Reactor
Apaza Veliz, D.G	Radioablative Therapy With Iodine-131 On A Patient With Thyroid Cancer And Chronic Renal Failure In Hemodialysis First Experience In Peru
Jaime Romero-Barrientos	Calculation Of Self-Shielding Factor for Neutron Activation Experiments Using GEANT4 And MCNP
Pamela Ochoa Parra	Design of a Model to Scale Animal Biodistribution to Human of the Radiopharmaceutical [⁶⁸ Ga]Ga-PSMA-HBED-CC
M. S. Cañón (A.Vargas)	Standarization Dosimetric Parameter To Use With Thermoluminescent Detector TLD-400
Luna, J. A	Evaluation of volume change in rectum-bladder during application of radiotherapy image-guided for prostate carcinoma
León, M.	Establishment of Guideline Levels for Different Radiology Clinical Studies Applied to Costa Rica's Adult Population

J. F. Lucero	Clinical implementation of Total Skin electron irradiation treatment with a 6 MeV electron beam in high-dose total skin electron mode
José A. Diaz M.	A Geant4 Simulation of the Depth Dose Percentage in Brain Tumors Treatments Using Protons and Carbon Ions
Isabela Paredes Cisneros	Image Quality Assessment For CT Used On Small Animals
Pablo Ortiz-Ramírez	Validation of the intrinsic spatial efficiency method for non cylindrical homogeneous sources using MC simulation
Pablo Ortiz-Ramírez	Experimental Validation of the Intrinsic Spatial Efficiency Method Over a Wide Range of Sizes for Cylindrical Sources
C. Villalba	Characterization of neutron and gamma components of radioactive sources using analog PSD
Sierra O.	Characterization of HPGe Gamma Spectrometric Detectors Systems for Instrumental Neutron Activation Analysis (INAA) at the Colombian Geological Survey
F. E. Charry-Pastrana	Systematic analysis of α elastic scattering with the São Paulo potential
A. Navarro Alsina	A practical method for energy calibration in plastic scintillators using Compton kinematics
K. V. Díaz. H	Effect of sample thickness on 511 keV simple Compton-scattered gamma rays
S. Carturan (G. Maggioni)	^6LiF Oleic Acid Capped Nanoparticles Entrapment in Siloxanes for Thermal Neutron Detection