



FUNDAMENTAL INTERACTIONS SERBIA - 2007 ФУНДАМЕНТАЛНЕ ИНТЕРАКЦИЈЕ СРБИЈА - 2007

Septembar 26-28, 2007
Iriški venac, Novi Sad, Srbija

PROGRAM

26.9.2007.	
10:00 - 10:30	Svečano otvaranje
10:30 - 13:00	Izveštaji o napredovanju na projektima; predsedava I.Aničin
	10:30-10:50 K. Subotić: Towards SPIRAL2 and EURISOL
	10:50-11:10 I.Bikit: Rare nuclear events and ILIAS Next
	11:10 -11:30 B.Cekić: A three-detector high resolution TDPAC spectrometer
	11:30-11:50 M.Blagojević: Alternative theories of gravitation
	11:50-12:10 D.Popović: ATLAS experiment
	12:10-12:30 P.Adžić: The CMS experiment and participation of the CMS Belgrade Group
	12:30-12:50 A.Belić: Pan-European Grid eInfrastructure for LHC experiments at CERN-SCL's activities in EGEE
13:00 - 15:30	Pauza za ručak
15:30 - 18:00	Eksperimenti na visokim energijama A; predsedava M.Burić
	15:30 - 15:45 J.Milošević: How to measure elliptic flow in pp@LHC?
	15:45 - 16:00 Ž. Đurčić: MiniBooNE experiment
	16:00-16:15 M.Pandurović: Physics Background as a Systematic Effect in Luminosity Measurement at International Linear Collider
	16:15 - 16:30 M.Mudrinić: Virtualization of Tier 2 site and LCG Grid Data Distributed Management
	16:30-16:45 D.Maletić: Background reduction for the two photon decay of Higgs boson based on the reconstruction of the unconverted photons in the central part ECAL of the CMS detector
	16:45-17:00 D.Maletić: Algorithm for the XML geometry of the ECAL Preshower detector of the CMS detector
	17:00-17:15 M.Đorđević: Particle identification in the combined test beam ECAL/HCAL of the CMS detector using Cherenkov counters in the experimental line H2 at CERN
	17:15-17:30 D.Maletić: Creation and distribution of Monarc files during the Load Test 07 in the CMS experiment
	17:30-17:45 P.Milenović: Detector control system of the Electromagnetic Calorimeter of the CMS detector
18:00 -18:30	Pauza za kafu
18:30 -20:30	Okrugli sto

27.9.2007.

9:00 - 10:30	Eksperimenti na visokim energijama B; predsedava P.Adžić
	9:00 - 9:15 Lj.Simić: Gauge boson pair production at the LHC
	9:15 - 9:30 M.Milosavljević: Inclusive SUSY searches at ATLAS
	9:30 - 9:45 M.Milosavljević: Right squark search at ATLAS
	9:45-10:00 M.Milosavljević: Search for the MSSM H/A bosons decaying to two muons at ATLAS
	10:00-10:15 N.Vranješ: Prospect for WW Study with Early ATLAS Data
	10:15-10:30 J.Puzović: ESS - Safety system for temperature control for the Electromagnetic Calorimeter - ECAL of the CMS detector
10:30 - 11:00	Pauza za kafu
11:00 - 12:30	Teorija gravitacije, čestica i polja; predsedava Đ.Šijački
	11:00 - 11:15 M. Vojinovic: Equations of motion for a particle attached to the string
	11:15 - 11:30 B. Nikolić: Contribution of dilaton field to Dp-brane properties
	11:30 - 11:45 B.Cvetkovic: Supersymmetries of the 3D black hole with torsion
	11:45 - 12:00 V.Borka Jovanović: Masses of cqqq Tetraquarks Using Fermi-Breit Hyperfine Interaction
	12:00 - 12:15 I.Salom: Minkowskian metrics as a consequence of generalized supersymmetry
	12:15 - 12:30 B.Sazdović: Space-time string action in terms of torsion and nonmetricity
	12:30 - 12:45 B.Sazdović: Open string and noncommutative electrodynamics
	12:45 - 13:00 Lj.Nešić: Quantum Cosmology on Ultrametric and Noncommutative Spaces
	13:00 - 13:15 S.Ignjatović: A modification of the Analytic Continuation by Duality Method
13:15 - 14:00	Pauza za ručak
14:30 - 19:00	Obilazak fruškogorskih manastira
20:00	Zajednička svečana večera
28.9.2007.	
9:00 - 10:30	Nuklearna fizika niskih i srednjih energija; predsedava M.Vesković
	9:00 - 9:15 D.Jordanov: INES (Intermediate Energy Spallation) code for Simulation of Intermediate Energy Spallation
	9:15 - 9:30 P.Ujić: ANAMARI Code for Gas-Filled Separators as Tool for Super Separator Spectrometer Design Study
	9:30 - 9:45 I.Čeliković: Production of super heavy elements by inverse fission
	9:45 - 10:00 Ionut Arsene: K/pi rapidity and baryon potential dependent ratios in Au+Au collisions at 62.4 GeV
	10:00-10:15 Larissa Bravina: Study of particle Correlations at RHIC energies within microscopic string models
	10:15-10:30 T.Prodanović: Astrophysical requirement for the new ⁶ Li production channel
10:30 - 11:00	Pauza za kafu
11:00 - 13:00	Nuklearna fizika niskih i srednjih energija; predsedava K.Subotić
	11:00-11:15 N.Todorović: First tests of the big volume ultra low background gamma spectrometer
	11:15-11:30 D.Mrđa: Intensity variation of the Cosmic Muon Induced Annihilation Line

	11:30-11:45 M.Vesković: On the absence of appreciable half-life changes in alpha emitters cooled in metals to 1 Kelvin and below
	11:45–12:00 B.Grabež: Bimodality and Scaling – Signs of Phase Transition in Nuclear Multifragmentation?
	12:00-12:15 D.Novković: Coincidence summing effects in gamma-ray spectrometry
	12:15 -12:30 A.Dragić: Measurements of CR Muon Absolute Flux in Belgrade Low-Level Laboratory
	12:30 -12:45 D.Joković: Computer Simulation of the Plastic Scintillator and HPGe Detectors in Coincidence
13:00	Zatvaranje skupa