

PHENIICS Doctoral School Days

lundi 9 mai 2016

Poster session - Auditorium Pierre Lehmann (15:30 - 16:30)

[id] title	presenter	board
[112] GPD nucleon model from Dyson-Schwinger equations	M. CHOUIKA, Nabil	1
[80] The impact of new clinical indicators (delivered dose and patient positioning) based on transit in vivo dosimetry using Electronic Portal Imaging Device (EPID) for adaptive radiotherapy.	M. CHEVILLARD, Clément	4
[88] Laser frequency stabilization using folded cavity and mirror reflectivity tuning	M. LIU, Xing	7
[54] Light yield and energy resolution studies for the SoLid phase I	Mlle BOURSETTE, Delphine	10
[43] Improvement of Nb-93m and Rh-103m measurement methodology for accurate reactor dosimetry	M. RIFFAUD, Jonathan	13
[116] Particle transport in stochastic media: beyond the Boltzmann equation	Mlle LARMIER, Coline	16
[84] Study of New ADVACAM Active Edge Sensor Technology for ATLAS Inner Detector Upgrade	Mme RASHID, Tasneem	19
[24] study of prompt gamma emission in the fission mechanism	M. QI, Liqiang	22
[46] Development of new metrology protocols of chalcogenide materials related to elaboration parameters	M. PESSOA, Walter	25
[40] Study of the nuclear fission process by prompt gamma-ray spectrometry	M. RAPALA, Michal	28
[64] Nuclear structure of the neutron-rich silver isotopes by collinear laser spectroscopy.	Mlle VAZQUEZ RODRIGUEZ, Liss	31
[66] Study of the semileptonic decay $\Lambda_b^0 \rightarrow \Lambda_c^+ \tau^- \bar{\nu}_\tau$ with the LHCb experiment	M. RENAUDIN, Victor	34
[67] The quest for super heavy element island of stability using fission times measurements.	AIRIAU, Maud	37
[0] Novel applications and future perspectives of a fast diamond gamma ray detector	M. WILLIAMS, Themistoklis	40
[108] Probing the evolution of nuclear structure thanks to high accuracy mass measurements with ISOLTRAP at CERN/ISOLDE.	MOUGEOT, Maxime	43
[96] Re-opening dark matter windows compatible with a diphoton excess	M. PIERRE, Mathias	46
[36] Interaction mechanisms between actinides and a protein: the CALMODULIN	M. BRULFERT, Florian	49
[30] Study of fission of exotic actinides by relativistic reactions	Mlle YAN, Yiman	52
[72] Multi-objective Genetic based Algorithms and experimental beam lifetime studies for the SOLEIL storage ring	M. GAVALDÀ, Xavier Nuel	55
[56] Phase contrast imaging on X-ray laboratory source	M. STOLIDI, Adrien	58
[10] Analysis and development of deterministic and stochastic neutron noise computing techniques with applications to thermal and fast reactors.	Mme ROUCHON, Amélie	61
[17] Study of neutron-proton pairing with transfer reactions.	Mlle GEORGIADOU, Anastasia	64

[118] Implementation of a laser culator for the production of a high spectral brilliance γ source	M. NDIAYE, Cheikh Fall	67
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mardi 10 mai 2016**Poster session - Auditorium Pierre Lehmann (10:15 - 11:15)**

[id] title	presenter	board
[117] Design of the Cherenkov Full-body PET Scanner with GATE Simulation	Mme ALOKHINA, Marharyta	2
[81] Looking at the Transverse Momentum Dependent content of the proton with quarkonia	M. SCARPA, Florent	5
[86] Gravitational instability in self gravitating filamentary structures	M. DURRIVE, Jean-Baptiste	8
[20] Modelling QSO infall velocity distribution using N-body simulations for eBOSS RSD analysis	Mlle ZARROUK, Pauline	11
[25] Measurement by gamma ray spectrometry in gamma-gamma coincidence.	M. PARADIS, hugues	14
[44] J/ψ production in p+p collisions at $\sqrt{s} = 5$ TeV in the ALICE experiment	Mlle CRKOVSKA, Jana	17
[47] Study of charge states of point defects and extended defects in uranium dioxide	M. SOULIÉ, Aurélien	20
[45] Fast and Efficient Optical Cherenkov Detector for PET	Mlle CANOT, Clotilde	23
[68] Recherche du boson du Higgs du Modele Standard dans le canal de desintegration en deux leptons taus avec l'experience ATLAS au LHC	AYOUB, Mohamad	26
[41] Improving Monte Carlo shielding calculations by learning the importance map	NOWAK, Michel	29
[77] CORROSION OF STEEL IN MOLTEN SODIUM NITRATE AT HIGH TEMPERATURE	Mlle LE, Kim-Khanh	32
[61] Monte Carlo simulation and imaging dose estimation for a kilovoltage cone-beam CT unit	Mlle CHESNEAU, Héléna	35
[63] Experimental constraints on models with light scalar field in cosmology and particles physics (SNLS/eBoss experiments and CMS experiment at the LHC).	M. LELOUP, Clement	38
[5] Complexation of plutonium, protactinium and trivalent actinides with organic ligands	Mlle LUCHINI, Coralie	41
[93] Looking for dark matter: from the earth to the Sky	Mlle DUTRA, Maíra	44
[65] Study of RF power couplers for high power proton linear accelerators	M. GESLIN, Florian	47
[37] Diagnostic of transverse beam halo at the Accelerator Test Facility	M. YANG, Renjun	50
[32] Improvement robustness up to 400°C of the passivation of c-Si wafers by p-type a-Si:H thanks to ion bombardment	Mlle DEFRESNE, Alice	53
[110] Nature of quantum correlations in many body systems	M. LASSERI, Raphaël-David	56
[19] Study of neutron monopole drift towards ^{78}Ni with AGATA at GANIL and BEDO at ALTO	M. DELAFOSSE, Clément	59
[11] Search for heavy neutrinos with the T2K near-detector	M. LAMOUREUX, Mathieu	62
[51] Search for a sterile neutrino with the Stereo detector	BONHOMME, Aurélie	65

mercredi 11 mai 2016**Poster session - Auditorium Pierre Lehmann (14:30 - 15:30)**

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[115] Study of ultra-high energy cosmic rays with the new observables of composition of the Pierre Auger Observatory	LUCE, Quentin	3
[82] MAPSSIC: Development of a miniaturized CMOS telemetric probe for deep brain imaging of radiotracers in awake and freely moving animals	M. AMMOUR, Luis	6
[87] Évolutions structurales induites par faisceaux d'ions dans des couches minces épitaxiées d'oxydes de terres rares	Mlle MEJAI, najah	9
[22] Analyzing the ion radiation-induced defects and cavity swelling evolution in representative PWR internal austenitic steels	M. MICHAUT, Bertrand	12
[27] 3D Indoor / Real-time Topographical and Radiological Mapping (ITRM), with Visual Simultaneous Localization And Mapping (SLAM): methods and uncertainties estimations.	M. HAUTOT, Félix	15
[42] Polynomial axial expansion in the Method of Characteristics for neutron transport in 3D extruded geometries	M. GRAZIANO, Laurent	18
[69] Porosimetry of zirconia scales formed during oxidation of Zr-based fuel claddings in steam and air-steam mix at high temperatures	M. HAURAS, Florian	21
[49] Study on X-ray diagnosis for phase topology during corium-sodium interaction	Mlle SINGH, Shifali	24
[107] Search for the Higgs boson decaying into b-quarks in the ATLAS experiment.	M. DELPORTE, Charles	27
[104] Detailed data-MC studies for the Electromagnetic Calorimeter of the CMS experiment at LHC.	NEGRO, Giulia	30
[6] Deeply Virtual Compton Scattering at Jefferson Laboratory	M. GEORGES, Frederic	33
[95] 3D printing of anthropomorphic phantoms and validation of their usefulness in internal dosimetry	Mlle BEAUMONT, Tiffany	36
[34] Searching for neutrinoless double beta decay with scintillating bolometers: the LUCINEU experiment	Mlle ZOLOTAROVA, Anastasiia	39
[38] New family of ab initio-driven Energy Density Functionals	M. ARTHUIS, Pierre	42
[55] Data analysis and sensitivity enhancement of the CUORE experiment via the development of Cherenkov hybrid TeO ₂ bolometers	Mlle NOVATI, Valentina	45
[18] Microscopic description of collective excitations in atomic nuclei within the GCM framework	M. MAREVIC, Petar	48
[50] First Spectroscopy of the R-process Nucleus 110Zr	HUPIN, Nancy	51
[53] Interplay between nuclear reactions and many-body methods	M. DRISSI, Mehdi	54
[52] Structure of exotic nuclei. Spin-oriented radioactive beams for nuclear moment and beta-decay studies.	M. BOUKHARI, Amar	57
[13] Radiation effect on an ion-irradiated under-saturated Fe _{1at.%Mn} alloy.	Mlle BELKACEMI, Lisa	60
[78] Charmonium production in pp and PbPb collisions with the CMS experiment	M. STAHL, Andre Govinda	63
[14] Investigation of shell evolution in the vicinity of 78Ni by beta-decay spectroscopy	Mme DELATTRE, Marie-Coralie	66