

<b>Id</b>	<b>Title</b>	<b>Abstract Category</b>	<b>Submitter</b>	<b>Submitted type</b>	<b>total</b>
14	Studies of an injected electron bunch into a superconducting cavity for BriXSino's ERL	<b>Accelerators</b>	Sanae Samsam	Oral Presentation	<b>1</b>
1	Thermodynamics of a rotating and non-linear magnetic-charged black hole in the quintessence field	<b>Astrophysics &amp; Cosmology</b>	NDONGMO Ragil	Oral Presentation	1
9	Auto-stabilized Electron 2.0	Astrophysics & Cosmology	Munawar Karim	Oral Presentation	2
20	Uncovering the fractional order phase transitions in AdS black holes	Astrophysics & Cosmology	Samir Iraoui	Oral Presentation	3
29	Dark-fluid constraints of shear-free universes	Astrophysics & Cosmology	Amare Abebe	Oral Presentation	4
102	Cosmic hierarchy in f(R) gravity	Astrophysics & Cosmology	Heba Abdulrahman	Oral Presentation	5
126	Status and perspectives of the Euclid mission	Astrophysics & Cosmology	Alessandro Renzi	Oral Presentation	<b>6</b>
10	Expanding Universe in the frame of Deformed Phase Space	Astrophysics & Cosmology	TOGHRAI TAHIR	Poster Presentation	<b>1</b>
92	Natural radionuclides and radiological risk assessment of granite mining field in Ariskop, Windhoek, Namibia	<b>Biophysics</b>	Sylvanus Ameh Onjeft	Oral Presentation	<b>1</b>
80	Doing Digital Offline - The CO-VIDEO Project in South Africa	<b>Community Engagement</b>	Derek Fish	Oral Presentation	<b>1</b>
74	Dr	<b>Earth Physics</b>	Oyeleke Olarinoye	Oral Presentation	1
75	Investigation of Subsurface Structures within Bosso Local Government for Groundwater Exploration Using Magnetic and Resistivity Data	Earth Physics	ADETONA Abbass Adel	Oral Presentation	2
76	Natural Radionuclides assay in Nigerian Granite Rocks	Earth Physics	Oyeleke Olarinoye	Oral Presentation	3
77	Investigation of Subsurface Structures within Bosso Local Government for Groundwater Exploration Using Magnetic and Resistivity Data	Earth Physics	ADETONA Abbass Adel	Oral Presentation	4
105	VERTICAL ELECTRICAL SOUNDING AND PHYSICO-CHEMICAL ANALYSIS OF GROUNDWATER AND SOIL SAMPLES IN THE VICINITY OF MUNICIPAL SOLID WASTE IN KONTAGORA, NIGER STATE	Earth Physics	Abdulwaheed Rafiu	Oral Presentation	<b>5</b>
86	Ubuntu reactors–Modelling Nuclear Reactors with Geant4	<b>Energy</b>	Mounia Laassiri	Oral Presentation	<b>1</b>
127	Characterization of the oscillation in shortwave and longwave radiation using wavelet analysis	Energy	Ossenatou Mamadou	Poster Presentation	1
128	Characterization of the oscillation in shortwave and longwave radiation using wavelet analysis	Energy	Ossenatou Mamadou	Poster Presentation	<b>2</b>
79	Plasma Physics and Fusion Devices and an Introduction to PMI.	<b>Fluid &amp; Plasma Physics</b>	Dalia Mohamed	Oral Presentation	<b>1</b>
21	Design and construction status of the Mu2e crystal calorimeter	<b>Instrumentaions &amp; Detectors</b>	Fabio Happacher	Oral Presentation	1
108	Statistical Approach for Detection of Low-Level Radioactivity	Instrumentaions & Detectors	Hanan Arahmane	Oral Presentation	2
120	X-ray technological irradiation for TID studies on silicon sensor and electronic devices in a medical facility	Instrumentaions & Detectors	Benedetto Di Ruzza	Oral Presentation	<b>3</b>
82	The African Light Source	<b>Light Sources</b>	Simon Connell	Oral Presentation	<b>1</b>
24	Determination of the thickness and optical properties by reflectance method	<b>Materials Physics</b>	abdelaziz tchenka	Oral Presentation	1
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30	Electron-phonon and Spin orbit coupling in transition metal dichalcogenides quantum dot after short pulse excitation under magnetic field	Materials Physics	FLORETTE FOBASSO	Oral Presentation	3
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85	Effect of chemical composition on the structure and dielectric properties of pure and doped Al2O3-ZrO2 composites	Materials Physics	DIPTIRANJAN SAHU	Oral Presentation	5
95	Gamma-ray mass attenuation coefficient of environmentally friendly Bi0.5Na0.34K0.11Li0.05Ti1-xNixO3 ceramics	Materials Physics	Oyeleke Olarinoye	Oral Presentation	6
103	Structural and Optical proprieties of CuxS deposited by flash evaporation	Materials Physics	Lhoucin Amiri	Oral Presentation	7
104	Structural analysis and band gap engineering of 2D perovskite Cs2XAg(1-xBrx)6 for solar cell applications using DFT method	Materials Physics	Fatima ELFATOUAKI	Oral Presentation	8
112	Properties of the structure, electronics and opticals of AB and AA stacking bilayer graphene intercalated by Sr atom	Materials Physics	Omar FARKAD	Oral Presentation	9
113	Structural, Electronic and Optical parameters of Zn2VN3 Compounds by Density functional theory.	Materials Physics	sanae hassine	Oral Presentation	10
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122	Structural, elastic, thermodynamic, electronic, optical and thermoelectric properties of lead-free double perovskites Cs2NaBiX6 (X= Cl, Br, I) from ab-initio calculations	Materials Physics	Ahmed OUHAMMOU	Oral Presentation	<b>12</b>
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2	Assessment of Neutron and Gamma Ray Dose Equivalent Rates in Medical Linear Accelerators Operating at Energies Above 10 MV	<b>Medical Physics</b>	Fatima AZAIRI	Oral Presentation	1
4	A semi empirical formula for dose calculation in brachytherapy treatment and evaluation of tissue composition effect on dose distribution.	Medical Physics	Said HARIF	Oral Presentation	2
5	Dosimetric evaluation of Xio Elekta algorithm using an heterogeneous lung phantom	Medical Physics	ikram majjate	Oral Presentation	3
13	GEANT4 and SRIM evaluation of water equivalent ratio of some dosimetry materials in Carbon therapy beam	Medical Physics	Naima ZAHAR	Oral Presentation	4
91	Development of Supervised and Unsupervised Machine Learning Algorithms for Diagnosis of Malaria Parasites in Thin Blood Smears Using Orange Software	Medical Physics	Michael Dada	Oral Presentation	5

97	Evaluation of radioactivity and radiological health implications of shore sediments along the Okavango riverbank, Namibia.	Medical Physics	Sylvanus Ameh Onjefi	Oral Presentation	6
106	Monte Carlo Simulation of the Biograph mCT PET scanner using GATE	Medical Physics	MAHMOUD EL KATIB	Oral Presentation	7
129	Magnetic Resonance Brain Image Classification	Medical Physics	Ulrich Goerlach	Oral Presentation	8
15	Evaluation of whole body dose absorbed by Geant4 simulation	<b>Nuclear Physics</b>	asmae ettoufi	Oral Presentation	1
22	Impact de la force tensorielle sur les propriétés fondamentales des isotopes de l'étain Sn	Nuclear Physics	Mohamed EL ADRI	Oral Presentation	2
23	Evaluation of whole body dose absorbed by Geant4 simulation	Nuclear Physics	asmae ettoufi	Oral Presentation	3
25	D-meson Suppression and Azimuthal Anisotropy in a Strongly Coupled Plasma at $\sqrt{s_{NN}}=5.5$ TeV with Comparison to LHC Measurements	Nuclear Physics	Blessed Arthur Ngwen	Oral Presentation	4
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94	Natural radioactivity and associated radiological health hazards assessment in soil collected around the Van Eck Coal-Fired thermal power plant, Namibia	Nuclear Physics	Sylvanus Ameh Onjefi	Oral Presentation	7
124	Soil gas radon, indoor radon and its diurnal variation in Northern region of Cameroon	Nuclear Physics	Sadjo Sadjo	Oral Presentation	8
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12	Minimum bias simulation of parasitic collisions	Particle Physics	Sanae Ezzarqtouni	Oral Presentation	2
16	A High-Granularity Timing Detector (HGTD) in ATLAS Phase-II Upgrade: Physics and performance with HGTD	Particle Physics	Fatima Bendebba	Oral Presentation	3
18	New charged Higgs boson discovery channel at the LHC	Particle Physics	Mohammed Boukidi	Oral Presentation	4
26	Search of new resonances decaying into top quark pairs in the lepton+j $\bar{t}$ final state in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Particle Physics	Farida Fassi	Oral Presentation	5
28	Extended Higgs sector of 2HDM with real triplet : Theoretical and phenomenological studies at the LHC	Particle Physics	BRAHIM AIT OUAZGH	Oral Presentation	6
31	Search for charged Higgs boson via $H\pm W^\mp$ at the LHC	Particle Physics	Mohamed Ouchemh	Oral Presentation	7
33	Search for invisible Higgs bosons produced via vector boson fusion (VBF) at the LHC using the ATLAS detector	Particle Physics	Mohamed Zaazoua	Oral Presentation	8
99	Measurement of azimuthal angular correlations of D mesons with charged particles in pp collisions at $\sqrt{s}=13$ TeV with ALICE at the LHC	Particle Physics	Bharati Naik	Oral Presentation	8
100	3 Dimensional BF Theory On Seifert Fibered Manifolds	Particle Physics	Tony Kakona	Oral Presentation	10
110	Multiplicity dependence of heavy-flavour production in small systems in ALICE	Particle Physics	Sibaliso Mhlanga	Oral Presentation	11
114	Light charged Higgs boson decays to a $W^\pm \mu^\pm$ and a BSM Higgs boson at the LHC	Particle Physics	Mohamed Krab	Oral Presentation	12
115	Laser-assisted processes in standard model and beyond	Particle Physics	Mohamed OUHAMM	Oral Presentation	13
116	Effet du champ laser sur les rapports de branchement du pion chargé négativement	Particle Physics	Said Mouslih	Oral Presentation	14
118	Elastic scattering of a muon neutrino by an electron assisted by laser	Particle Physics	Sabrina El Asri	Oral Presentation	15
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11	A High Granularity Timing Detector for the ATLAS detector Phase-II upgrade	Particle Physics	Hajar Imam	<b>Poster Presentation</b>	1
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101	Gluon in radiative charmonium decay	Particle Physics	Azeddine Benhamida	Poster Presentation	4
107	Investigation of the influence of different terms of the density of states on the color-singlet QGP partition function and some related physical quantities	Particle Physics	Amal Ait El Djoudi	Poster Presentation	5
109	Effects of color-neutrality on the density driven and thermally driven deconfinement phase transition in a finite volume	Particle Physics	Bachir Moussaoui	Poster Presentation	6
117	Laser-assisted Z-boson decay	Particle Physics	JAKHA Mohamed	Poster Presentation	7
123	Some characteristics of the deconfinement phase transition in a finite volume: Finite-mass effects on some response functions	Particle Physics	Rokaya DJIDA	Poster Presentation	8
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93	Development of Ni-doped SnO2 Dilute Magnetic Oxides for electronic and spintronics applications	Young Physicists Forum	DIPTIRANJAN SAHU	Poster Presentation	3