

TECHNICAL PAPERS

TECHNICAL SESSIONS PROGRAM DAY 2 – TRACK 2

08.30 – 11.00 Hours & 14.00 – 16.00 Hours

Venue: Presentation Room 1

**Track 2: Medicinal and natural products chemistry**

Session : TS 5

Chair Persons: Dr Oladimeji Abdulkabir ([oladitwo@osustech.edu.ng](mailto:oladitwo@osustech.edu.ng); +234 8038625108) Morning  
 Prof. (Mrs) M. A. Idowu ([maidowu408@yahoo.com](mailto:maidowu408@yahoo.com) 08077479203) Afternoon

Abstract ID	Paper Title	Authors and Affiliation	Time
129	Quality Assessment of Turmeric Modified Tomato Powder	K. Asemave; and P. M. Utoo Dept. Chemistry, Benue State University, Makurdi-Nigeria	08.30 - 08.45
135	Phytochemical, Antioxidant, Proximate Analysis and Characterization of <i>Calopogonium mucunoides</i> Desv. Extract using different solvents	Fadeyi, A.E.   Akiode, S.O.   Falayi, O.E.   Fatokun, A.O.   Chemistry Advanced Research Centre, Sheda Science and Technology Complex, P.M.B. 186 Garki, Abuja, Nigeria   Biotechnology Advanced Research Centre, Sheda Science and Technology Complex, P.M.B. 186 Garki, Abuja, Nigeria	08.45 - 09.00
138	Isolation with Characterization of Columbin and Novel Clerodane Furano-Diterpene with GC-MS and antimicrobial Analyses of Essential Oils from <i>Sphenocentrum jollyanum</i> Pierre	Dorcas Olufunke Moronkola   Jaspers Marcel   Ebel Rainer   Emmanuel Oluwabusola   Riccardo Petrelli   Franks Kamgang Nzekoue   Loredana Cappellacci   Cristiano Giordani   Jioji N. Tabudravu   Paul Osamudiamen   Clement Odunayo Ajiboye   Salawu Kehinde Ade Chemistry Department, University of Ibadan, Ibadan. Nigeria.   Marine and Biodiversity Centre, Chemistry Department, University of Aberdeen, Scotland, UK.   Marine and Biodiversity Centre, Chemistry Department, University of Aberdeen, Scotland, UK.   School of Pharmacy, Medicinal Chemistry Unit, University of Camerino, Italy.   Instituto de Física, Universidad de Antioquia, UdeA, Calle 70 No 52-21, Medellín-Colombia.   School of Forensic and Applied Sciences, Faculty of Science and Technology, University of Central Lancashire, PR1 2HE, UK.   Chemical and Food Sciences Department, Bells University, Sango-Otta, Nigeria.   Chemistry Department, University of Ibadan, Ibadan. Nigeria.	09.00 - 09.15
139	Saponins from the Rind of <i>Napoleonaea imperialis</i> P. Beauv.	Gloria Ihuoma Ndukwe   Rachael Elijah Ekong Department of Chemistry, Rivers State University of Science & Technology, Port Harcourt, Nigeria.	09.15 - 09.30
146	Flavonoid-rich Extract from the Leaf of <i>Zanthoxylum zanthoxyloide</i> reverse Skin Carcinogenesis in Male Swiss Mice	Oyinlade C. Ogundare   Seide M. Akoro   Simeon K. Odetunde   Susan A. Ogundare   Kayode T. Bukola   Folorunsho S. Oluwole   Lagos State Polytechnic, Ikorodu, Lagos State   Ladoke Akintola University of Technology, Ogbomoso, Oyo State	09.35 - 09.50
169	PHYTOCHEMICAL SCREENING AND ANTIFUNGAL ACTIVITIES OF <i>TAPINANTHUS BANGWENSIS</i> (MISTLETOE) LEAVES PARASITIC ON CITRUS AND BAoba.	Alhassan Kabiru Usman   Ahmad Muhammad Sani   Kamal Danazumi and Gaus Yusuf   Department of Chemistry, Kaduna state University, Kaduna. Nigeria.	09.50 - 10.05

Abstract ID	Paper Title	Authors and Affiliation	Time
177	Antioxidant Profile and Phytoactivity of Methanol Extracts of <i>Jatropha curcas</i> Leaf and Seed.	G. G. Yebpella   B.N Hikon   A.M Magomya   S. Yakubu Department of Chemical Sciences, Federal University of Wukari, P.M.B 1020 Wukari, Taraba State, Nigeria.   Department of Chemical Sciences, Federal University of Wukari, P.M.B 1020 Wukari, Taraba State, Nigeria.   Department of Chemical Sciences, Federal University of Wukari, P.M.B 1020 Wukari, Taraba State, Nigeria.   Department of Chemical Sciences, Federal University of Wukari, P.M.B 1020 Wukari, Taraba State, Nigeria.	10.05 - 10.20
196	ISOLATION AND CHARACTERIZATION OF LUP-20(29) -EN-3-ONE FROM THE STEM BARK OF <i>Uapaca amplifolia</i> (DENIS)	Yakubu Manasseh Bidam Department of applied chemistry, Kaduna polytechnic.	10.20 - 10.35
231	STUDIES OF THE LEAVES OF <i>FICUS CITRIFOLIA</i> FOR PHARMACOLOGICAL ACTIVE COMPOUNDS	A.M. LOHDIP   E.I Tari Department of Chemistry, University of Jos, Jos, Nigeria	10.35 - 11.00
<b>TRACK 2: ORGANIC CHEMISTRY</b>			
54	Phytochemical Constituents and analgesic effects of extracts from <i>Newbouldia laevis</i> leaves (P. Beauv)	Odo Peter Sunday Chemical Society of Nigeria	11.00 - 11.15
59	Design, computational analysis and Synthesis of novel antimalarial and antitrypanosomal agents	Ngozi Lillian Umedum   Uchechukwu Chris Okoro   Mercy Ezeokonkwo Nnamdi Azikiwe University, Awka   University of Nigeria, Nsukka   University of Nigeria, Nsukka	11.15 - 11.30
<b>WRAP UP AND LUNCH BREAK (12.00 – 13.50)</b>			
106	Synthesis, Biological and Kinetic Studies of Naphthoquinone Derivatives as Potent Antidiabetic Nap	Samuel Attah Egu Kogi State University, Anyigba	14.00 - 14.15
230	Physicochemical Constituents of <i>Crinum zeylanicum</i> Oil and Antifungal Activity of N-hexane, Ethanol and Water Bulb Extracts.	J. M. Daben University of Jos	14.15 - 14.30
<b>Track 2: Pharmaceutical Chemistry</b>			
84	Synthesis and characterization of new leucine-isoleucine dipeptide bearing sulfonamides: A potent for malarial treatment	Anya Uzo Anya Projects Development Institute (PRODA) Enugu anya_214@yahoo.com	14.30 - 14.45
151	LEVELS OF HEAVY METAL (Pb, Hg, Mn, Cu AND Cr) AND IN SOME SELECTED COSMETICS COMMONLY SOLD IN NIGERIA AND THEIR HUMAN HEALTH IMPLICATIONS.	Dr. Nkoli Mgbemena Michael Okpara University of Agriculture, Umudike, Abia State Nigeria	14.45 - 15.00

TECHNICAL PAPERS

TECHNICAL SESSIONS PROGRAM DAY 2 – TRACK 1

08.30 – 11.00 Hours & 14.00 – 16.00 Hours

Venue: Presentation Room 2

**Track2: Analytical and environmental chemistry**

Session : TS 6

Chair Persons: Prof. N. A. Oladoja ( [bioladoja@yahoo.com](mailto:bioladoja@yahoo.com); 08055438642)

Prof. Alfred Onen ( [alfredonen@yahoo.com](mailto:alfredonen@yahoo.com); 08059727969)

Abstract ID	Paper Title	Authors and Affiliation	Time
116	DETERMINATION OF TRANSFER FACTOR OF HEAVY METALS FROM SOIL TO PLANT	Umar Ibrahim Gaya   Patience Ohunene Usman   Kenneth Amanze Bayero University Kano   Federal University of Technology Owerri   Alvan Ikoku Federal College of Education Owerri	08.30 - 08.45
118	Evaluation of Heavy Metal Concentrations in Soil around Old and New Dumpsites, in Osogbo Metropolis, Osun State, Nigeria	Gbadebo Clement Adeyinka   Fatai Afolabi   Babatunde Femi Bakare Department of Chemical Engineering, Mangosuthu University of Technology, Umlazi, South Africa   Applied Sciences Department, Faculty of Science, Osun State Polytechnic, Iree, Osun State, Nigeria   Department of Chemical Engineering, Mangosuthu University of Technology, Umlazi, South Africa	08.45 - 09.00
132	Ecological and health risk assessment of metals in soil of vicinity of ashaka cement factory, Gombe Nigeria	M. B. Sulaiman   C. O. B. Okoye   J. N. Asegbeloyin Department of Pure and Industrial Chemistry, University of Nigeria, Nsukka   Department of Pure and Industrial Chemistry, University of Nigeria, Nsukka   Department of Pure and Industrial Chemistry, University of Nigeria, Nsukka	09.15 - 09.30
134	Kinetic and equilibrium study of pyrolyzed nano-sized Coir and Groundnut shell as adsorbents for Pb <sup>2+</sup> and Cd <sup>2+</sup> in an aqueous medium.	Dr. Kate Ekwutosi Ochiagha   EZE, GERTRUDE UKAMAKA   Dr. Obinna Ofoegbu   Eboagu Nkiru Charity Department of Pure and Industrial Chemistry, Nnamdi Azikiwe University Awka, Anambra State   Department of Pure and Industrial Chemistry, Nnamdi Azikiwe University Awka, Anambra State   Department of Chemistry, college of Science, Joseph Sarwuan Tarka University Makurdi Benue State Nigeria   Department of Pure and Industrial Chemistry, Nnamdi Azikiwe University Awka, Anambra State	09.30 - 09.45
140	Bio-fabricated Green Silver Nano-architecture for Degradation of Methylene Blue Water Contaminant: A Mini-review	S. S. Emmanuel   A. A. Adesibikan   O. D. Saliu Department of Industrial Chemistry, Faculty of Physical Sciences, University of Ilorin, P. M. B. 1515, Ilorin, Nigeria   Department of Industrial Chemistry, Faculty of Physical Sciences, University of Ilorin, P. M. B. 1515, Ilorin, Nigeria   Department of Industrial Chemistry, Faculty of Physical Sciences, University of Ilorin, P. M. B. 1515, Ilorin, Nigeria	09.45 - 10.00
141	HEALTH RISK ASSESSMENT OF PESTICIDE RESIDUE IN SOME LEAFY AND FRUITING VEGETABLES SOLD IN LAGOS STATE NIGERIA	Henrietta Ijeoma Kelle Department of Chemistry, National Open University of Nigeria, Abuja. Nigeria	10.00 - 10.15

Abstract ID	Paper Title	Authors and Affiliation	Time
147	INFLUENCE OF SOL GEL CONVERSION ON THE ADSORPTION CAPACITY OF CRAB SHELL FOR THE REMOVAL OF CRYSTAL VIOLET FROM AQUEOUS SOLUTION	Anduang Odiongneyi Department of Chemistry, Akwa Ibom State University	10.15 - 10.30
152	Characterization and Proximate Analysis of the Seed Oil of Guizotia scabra Harvested from Plateau State.	Chomo Pam Audu   Jamila Bashir Yakasai   Ijege King Department of Applied Science, Kaduna Polytechnic, Kaduna, Nigeria.	10.30 - 10.45
153	Evaluation of trace metals concentration in hand dug wells around dumpsites and dumpsites leachates in Okene metropolis, Kogi state, north central Nigeria	Folorunsho Samuel Omeiza Department of Chemistry, Ahmadu Bello University, Zaria. Nigeria	10.45 - 11.00
155	Chemical partitioning of cadmium, copper, nickel, lead, zinc, chromium and manganese in dumpsite soils of Okene metropolis north-central Nigeria.	Folorunsho Samuel Omeiza Department of Chemistry, Ahmadu Bello University, Zaria. Nigeria	11.00 - 11.15
157	Miniaturisation of a Sequential Extraction method for the Fractionation of Potentially Toxic Elements in Urban Particulates	Balarabe Sarki Sagagi Kano University of Science and Technology, Wudil	11.15 - 11.30
158	Assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in Alcoholic Beverages Consumed in Awka, Anambra State, Nigeria and Public Health Issues	Okafor Vincent Nwaleji   Agu Matthew Onyema Nnamdi Azikiwe University, PMB 5025, Awka, Nigeria   Nnamdi Azikiwe University, PMB 5025, Awka, Nigeria	11.30 - 11.45
<b>WRAP UP AND LUNCH BREAK (12.00 – 13.50)</b>			
174	DETERMINATION OF POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) CONTAMINATION LEVELS IN UNDERUTILIZED GRAINS (GUINEA CORN, PIGEON PEAS AND BAMBARA NUT) CONSUMED IN SOUTH EAST NIGERIA	Ifeoma Odika Department of Chemistry, Nnamdi Azikiwe University, Awka. Nigeria.	14.00 - 14.15
175	Analysis of smoke emissions from ten selected firewoods	Rosemary Uche Arinze   Nkechi Helen Okoye   Pauline Uchechukwu Chris Okafor   Chiagozie Micheal Ekwunife   Prisca Ifeoma Udeozo Nnamdi Azikiwe University, Awka   Nnamdi Azikiwe University, Awka   Nnamdi Azikiwe University, Awka   Nnamdi Azikiwe University, Awka   Enugu State University of Science and Technology	14.15 - 14.30
184	Heavy metals concentration in the soil and crop grown around an abandoned waste dump site at Mbarakuma- Ubakala in Umuahia Abia State Nigeria.	Okwunodulu Felicia Uchechukwu Department of Chemistry, Michael Okpara University of Agriculture, Umudike, Abia State Nigeria.	14.30 - 14.45
216	STUDY FOR THE TREATMENT OF TURBIDITY AND TOTAL HARDNESS OF GROUND WATER USING MORINGA OLEIFERA SEEDS IN LAKARE WARD, YOLA SOUTH L.G.A. ADAMAWA STATE, NIGERIA	M. H. Shagal   O. N. Maitera   M. Runde   H. Jackson Department of Chemistry Modibbo Adamawa University, Yola. Adamawa State, Nigeria   Department of Chemistry Modibbo Adamawa University, Yola. Adamawa State, Nigeria   Department of Pure and Applied Sciences, Faculty of Science, National Open University of Nigeria, Abuja. Nigeria   Department of Chemistry Modibbo Adamawa University, Yola. Adamawa State, Nigeria	14.45 - 15.00

Abstract ID	Paper Title	Authors and Affiliation	Time
218	ISOLATION, IDENTIFICATION AND ANTIBIOGRAM OF <i>Pseudomonas aeruginosa</i> FROM DOMESTIC WATER SOURCES IN GIREI L.G.A	Oliver Maitera   M. H. Shagal   M. Runde   S. Yohanna Department of Chemistry Modibbo Adamawa University, Yola. Adamawa State, Nigeria   Department of Chemistry Modibbo Adamawa University, Yola. Adamawa State, Nigeria   Department of Pure and Applied Sciences, Faculty of Science, National Open University of Nigeria, Abuja. Nigeria   Department of Chemistry Modibbo Adamawa University, Yola. Adamawa State, Nigeria	15.00 - 15.15
220	ABIOTIC HYDROLYSIS OF MONOCROTOPHOS AT VARYING pHs	Dr. (Mrs.) M. U. Imhontu   Dr. (Mrs.) J. E. Ukpebor   E. E Ukpebor National Centre for Energy and Environment, University of Benin, Benin City   University of Benin, Benin city   University of Benin, Benin city	15.15 - 15.30
224	REMOVAL OF CADMIUM, CHROMIUM AND COPPER FROM AQUEOUS SOLUTION BY ADSORPTION USING ACTIVATED PALM KERNEL SHELL CARBON	Dr. Edmund Okorie, Musa Fatima, Ali-Adejo Ashibi Martha, Ofor Florence Njideka & Emmanuel Ezema Federal polytechnic Idah	15.30 - 15.45
225	DETERMINATION OF THE CONCENTRATION OF HEAVY METALS IN ORGANS OF SOME SELECTED FISH SPECIES	Dr. Edmund Okorie, Musa Fatima, Ali-Adejo Ashibi Martha, Ofor Florence Njideka & Eze Uchenna Ijeoma Federal polytechnic idah	15.45 - 16.00
226	DISTRIBUTION OF HEAVY METALS IN THE RIVER NIGER SEDIMENTS CENTRAL NIGERIA	Dr. Edmund Okorie, Musa Fatima, Ali-Adejo Ashibi Martha, Ofor Florence Njideka & Nwega Onyinyechi Department of Chemistry, Federal polytechnic, Idah	16.00 - 16.15
227	BIOACCUMULATION PATTERN OF SELECTED HEAVY METALS IN THREE FRESH WATER FISHES	Dr. Edmund Okorie, Musa Fatima, Ali-Adejo Ashibi Martha, Ofor Florence Njideka & Ugwueze Patience Nnenolu Federal polytechnic Idah	16.15 - 16.30

TECHNICAL PAPERS

TECHNICAL SESSIONS PROGRAM DAY 2 – TRACK 3

08.30 – 11.00 Hours & 14.00 – 16.00 Hours

Venue: Presentation Room 3

**Track 2: Analytical and environmental chemistry**

Session : TS 7

Chair Persons: Prof. Y. N. Lohdip ([proflohdip@gmail.com](mailto:proflohdip@gmail.com) ; 0803700348) Morning

Prof. S. O. Idris ( [alhajisoidris@yahoo.com](mailto:alhajisoidris@yahoo.com) ) Afternoon

Abstract ID	Paper Title	Authors and Affiliation	Time
21	Development of Nanowires by template Directed onto Deoxyribonucleic acid molecules	Siyaka MJ Zubairu   CE Gimba   A. Uzairu   SO Idris   BR Horrocks Department of Applied Chemistry, Federal University, Gashua, Yobe State   Department of Chemistry, Ahmadu Bello University, Zaria-Nigeria   Department of Chemistry, Ahmadu Bello University, Zaria-Nigeria   Chair, Board of studies in Chemistry, School of Natural & Environmental Sciences, Bedson Building, Newcastle University, Upon, Tyne, NE1 7RU, United Kingdom	08.00 - 08.15
43	Selected Functional Properties of Low- and High-Derivatives of Glutaraldehyde-Crosslinked Magnetic Jack Bean Starch Nanoparticles	Abraham Olasupo Oladebeye   Mojisola Margaret Nomiye   Miracle Osisike   Adeleke Omodunbi Ashogbon   Oluyemi Adewole Okunlola   Aderonke Adenike Oladebeye Department of Science Laboratory Technology, University of Medical Sciences, Ondo, Nigeria   Department of Chemistry, University of Medical Sciences, Ondo, Nigeria   Department of Chemistry, University of Medical Sciences, Ondo, Nigeria   Department of Chemical Sciences, Adekunle-Ajasin University, Akungba-Akoko, Nigeria   Department of Epidemiology and Biostatistics, University of Medical Sciences, Ondo, Nigeria   Department of Food Technology, Auchi Polytechnic, Auchi, Nigeria	08.15 - 08.30
187	BIOMIMETIC POTENTIALS OF HYDROXYAPATITE NANOCRYSTALS SYNTHESIZED USING THE WET PRECIPITATION AND HYDROTHERMAL METHODS.	V. Ochigbo   M.O. Ochigbo   V.O. Ajibola   E.B. Agbaji   A. Giwa   J.T. Barminas   P. Mannivasakan   V. Rajendran   National Research Institute for Chemical Technology (NARICT), Zaria-Nigeria   Department of Chemistry, Ahmadu Bello University Zaria-Nigeria   Department of Textile Science and Technology, Ahmadu Bello University Zaria-Nigeria   Centre for Nanoscience and Technology, K.S.Rangasamy College of Technology, Tiruchengode-637 215, Tamil Nadu, India.	08.30 - 08.45
251	CHARACTERIZATION AND RECYCLING OF ELECTRONIC WASTE FROM AN E-WASTE FACILITY FOR SYNTHESIS OF ENGINEERED NANOMATERIALS.	M.J. Sehata <sup>a</sup> and B.M.M. May <sup>a,b</sup> <sup>a</sup> Analytical Chemistry Division, Mintek, 200 Malibongwe Drive, Randburg, Johannesburg, South Africa. <sup>b</sup> Institute for Nanotechnology and Water sustainability (iNanoWS), College of Science, Engineering and Technology, University of South Africa, Florida Campus, 28 Pioneer Avenue, Roodeport, 1709, Johannesburg, South Africa.	08.45 - 09.00

**Track 3: Nuclear and Inorganic chemistry**

<b>Abstract ID</b>	<b>Paper Title</b>	<b>Authors and Affiliation</b>	<b>Time</b>
95	Metal(II) complexes of Metronidazole and Flufenamic Acid: Synthesis, Characterization, Antioxidant and Antimicrobial screening	Abdulbasit Anoze Aliyu   Abdullahi Ola Rajee   Kizito Eneye Bello   Adeiza David Zakari   Hadiza Oziohu Abdulsalam   Fatima Wuraola Owolewa   Joshua Ayoola Obaleye Department of Pure & Industrial Chemistry, Kogi State University Anyigba   Department of Chemistry, University of Ilorin, Ilorin   Department of Microbiology, Kogi State University Anyigba   Department of Pure & Industrial Chemistry, Kogi State University Anyigba	09.00 - 09.15
228	KINETICS AND MECHANISM OF THE OXIDATION OF TANNIC ACID BY POTASSIUM TRISOXALATOFERRATE (III) IN AQUEOUS HYDROCHLORIC ACID MEDIUM	Y. N. Lohdip*, A. P. Lungaka and J. J. Gongden Department of Pure and Applied Chemistry, University of Jos, Jos. Plateau State. Nigeria.	09.15 - 09.30
229	KINETICS AND MECHANISM OF THE OXIDATION OF L-ASCORBIC ACID BY POTASSIUM TRISOXALATOFERRATE (III) TRIHYDRATE IN AQUEOUS HYDROCHLORIC ACID MEDIUM	11. P. Lungaka, Y. N. Lohdip and J. J. Gongden Department of Pure and Applied Chemistry, University of Jos, Jos. Plateau State. Nigeria.	09.30 - 09.45

**Track3: Physical and computational chemistry**

18	Computational Studies of Inhibitory Action of Thiophene Derivatives as Corrosion Inhibitors on Carbon Steel Surface	Thomas Aondofa Nyijime   Habibat Faith Chahul   Abdullahi Muhammad Ayuba Federal University of Agriculture Makurdi   Federal University of Agriculture Makurdi   Bayero University Kano	09.45 - 10.00
30	Adsorption of cationic and anionic azo dye from aqueous solutions onto Chitosan/palm kernel fibre composite- Theoretical and Experimental Approach	Paul Ocheje Ameh Department of Chemistry, Nigeria Police Academy Wudil, Kano State	10.00 - 10.15
92	Molecular Docking and Quantum Mechanistic studies of the inhibitory activities of selected phytochemicals in Artemisia afra against NADH-Ubiquinone Oxidoreductase of Plasmodium falciparum (PfNDH2) for anti-Malarial drug discovery	O. O Adeboye   S. O Okeniyi   S. A Agboluaje   F. O. Oyeleke Department of Chemistry, Emmanuel Alayande College of Education, Oyo, Oyo state.   Atiba University Oyo, Oyo state, Nigeria   Department of Chemistry, Ekiti state University, Ado Ekiti, Ekiti State, Nigeria   Department of Chemistry, Ekiti State University, Ado Ekiti, Ekiti State, Nigeria	10.15 - 10.30
191	Torrefaction and Pelletization of Moringa Oleifera Pods for Sustainable Energy Development	E. Eseyin + O.O. Balogun + G.E. Ankwai + M. Ibrahim Department of Chemistry, University of Jos, Plateau State, Nigeria	10.30 - 10.45

**Track 5: Analytical Chemistry**

87	Water Quality Assessment on Hand-dug Wells and Boreholes in Egbeda and Gbeleko in Kabba/Bunu L.G.A, Kogi State	Balogun Ayo Felix   Adedeji Omotolani Funmilayo   Akor Joel Enemona   Olaoluwa Daud Temitope   Baba Alafara Abdullahi Kogi State College of Education (Technical) Kabba   Kogi State College of Education (Technical) Kabba   Kogi State College of Education (Technical) Kabba   Federal Polytechnic Ede   University of Ilorin	10.45 - 11.00
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Abstract ID	Paper Title	Authors and Affiliation	Time
96	Contamination Level of Cattle Hide Singed with Scrap Tyres and Cattle Hide Singed with Firewood	Useh, Mercy Uwem Chemistry Advanced Research Centre, Sheda Science and Technology Complex, Abuja	11.00 - 11.15
112	Evaluation of Activated Carbon from Hyphaene thebaica Nut Shells as Adsorbent for Removal of Atrazine in Water	Ogwuche E.O   Abechi E.S   Gimba C.E Department of Chemistry, Ahmadu Bello University, Zaria. Kaduna State. Nigeria   Department of Chemistry, Ahmadu Bello University, Zaria. Kaduna State. Nigeria   Department of Chemistry, Ahmadu Bello University, Zaria. Kaduna State. Nigeria	11.15 - 11.30
142	PYROLYTIC CONVERSION AND CHARACTERIZATION OF LOW DENSITY POLYETHYLENE INTO USEFUL PETROCHEMICALS ADDITIVES	Ogunsanwo, B.M., Adeyemi, O.O., Ogundaini, R.S., Department of Chemical Science Olabisi Onabanjo University, Ago Iwoye Ogun State, Nigeria.	11.30 - 11.45
<b>WRAP UP AND LUNCH BREAK (12.00 – 13.50)</b>			
<b>Track 2: Polymer and plastics</b>			
100	EFFECT OF HYDROCHLORIC ACID HYDROLYSIS ON EXTRACTED CELLULOSE ON RICE HUSK	Theresa Uzoma Onuegbu Department of Pure and Industrial Chemistry, Nnamdi Azikiwe University, Awka, Nigeria	14.00 - 14.15
105	POLYMER WASTES POLLUTION AND SUSTAINABLE DEVELOPMENT	Professor S.H.O. Egboh Department of Chemistry, Delta State University, Abraka	14.15 - 14.30
130	MICROPLASTICS: AN EMERGING ENVIRONMENTAL THREAT	Ayodele Faleti Department of Chemistry, Federal University of technology, Akure.	14.30 - 14.45
154	EFFECTS OF TEMPERATURE ON THE PHYSICAL PROPERTIES OF ELECTRICAL CERAMIC PORCELAIN INSULATORS.	Uche Eunice Ekpunobi   Christopher C Ihueze   Philomena K Igboke   Azubike J Ekpunobi   Sunday C Agbo   Uzochukwu A Onuigbo Pure and Industrial Chemistry Department, Faculty of Physical Sciences, Nnamdi Azikiwe University, Awka, Nigeria   Industrial and Production Engineering Department, Faculty of Engineering, Nnamdi Azikiwe University, Awka, Nigeria   Chemical Engineering, Faculty of Engineering, Nnamdi Azikiwe University, Awka, Nigeria   Physics and Industrial Physics, Faculty of Physical Sciences, NAU, Awka   Pure and Industrial Chemistry Department, Faculty of Physical Sciences, NAU, Awka	14.45 - 15.00
250	POLYBROMINATED DIPHENYL ETHERS CONCENTRATIONS IN METALS AND PLASTICS SCRAP IMPACTED SOILS: POLLUTION LOAD, SOURCES, ECOLOGICAL AND ONSITE HUMAN HEALTH IMPLICATIONS	Onoriode O. Emoyan Environmental Chemistry and Waste Management Research Group, Department of Chemistry, Delta State University, P.M.B.1 Abraka, Nigeria.	15.00 - 15.15
249	COMPARATIVE EVALUATION OF PHYTOCHEMICAL CONSTITUENTS, ANTIOXIDANT AND BIOLOGICAL ACTIVITIES OF DIFFERENT EXTRACTS OF <i>Cola acuminata</i> , <i>Garcinia kola</i> and <i>Vernonia amygdalina</i>	B. O. Ugwuowo <sup>1</sup> , A. Ahmed <sup>2*</sup> , H. O. Oluwasola <sup>1</sup> and P. O. Ukoha <sup>1</sup> <sup>1</sup> Department of Pure and Industrial Chemistry, University of Nigeria, Nsukka. <sup>2</sup> Department of Science Laboratory and Technology, Federal Polytechnic Mubi, Adamawa State, Nigeria.	15.15 - 15.30



