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22nd International Conference on

Graphene, Carbon Nanotubes and Nanostructures

September 17-18, 2018
Berlin, Germany



SCIENTIFIC PROGRAM

DAY 1
Monday, 17th September

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

11:50-13:10 **MEETING HALL 01**

Talks On:

- Graphene Modification and Functionalization
- Graphene Synthesis
- Applications of Graphene in Energy

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00 **MEETING HALL 01**

Talks On:

- Graphene and 2D Materials based Nanocomposites
- Emerging Trends in the field of Graphene Nano

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)

Young Researchers Forum

DAY 2
Tuesday, 18th September

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

MEETING HALL 01

10:50-12:50 **Talks On:**

- Carbon Nanotubes and Graphene
- Semiconductor Materials and Nanostructures
- Graphene-like 2D Materials

12:50-13:35 LUNCH BREAK

MEETING HALL 01

13:35-15:55 **Talks On:**

- Graphene Nano in Energy and Storage
- Carbon Nano chips and Nanostructures

Organizing Committee Members



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Professor

Ioannina University,

Greece



Liangchi Zhang

Scientia Professor

The University of New South Wales

Australia



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Babes-Bolyai University

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Glimpses of Carbon & Graphene Conferences

















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22nd International Conference on Graphene, Carbon Nanotubes and Nanostructures

September 17-18, 2018 Berlin, Germany

AGENDA

Title: Decorated, Crumpled Graphene Oxide Assemblies for Advanced Imaging Applications

Rina Tannenbaum
Department of Materials Science and Chemical Engineering
Stony Brook University
USA

Dr. Tannenbaum is a professor in the Department of Materials Science and Chemical Engineering and a member of the Stony Brook Cancer Center at Stony Brook University in New York. To date she has published over 200 peer-reviewed articles, reviews and conference proceedings. She is the recipient of numerous awards such as the best paper award in the 1st International Conference on Applied Physics (2003), the Sigma Xi best thesis advisor award (2004), the MRS Fall 2006 Meeting outstanding paper award (2007) and the 1st prize in the SAIC best paper competition (2007 and 2010). She is a member of the Advisory Board of several professional journals and a member of several national and international professional societies. Dr. Tannenbaum's areas of interest are soft condensed matter and complex fluids, bio-based functional nanomaterials, and bio-nanostructures tissue imaging and targeted drug delivery

Title: Determination of the First Ionization Potentials of Heavy Actnides Based on an Atom-at-a-time Scale

Yuichiro Nagame
Ibaraki University
Japan

Prof. Yuichiro Nagame is currently Senior Associate of Advanced Science Research Center in Japan Atomic Energy Agency and Professor of Ibaraki University. He received a PhD degree in 1982 with a study of strongly damped collision mechanism in heavy-ion-induced nuclear reactions from Tokyo Metropolitan University. His research interests are chemical and nuclear properties of the heaviest elements, nuclear fission, heavy-ion-induced nuclear reactions, and so on. He served as a chairman of Japan Society of Nuclear and Radiochemical Sciences during 2010 - 2012. Dr. Nagame was an IUPAC associate member from 2000 to 2001, and is a member/fellow of IUPAC since 2002.

Title: Color Tuneable Fluorescent Carbon Dots for White Light and Bio-imaging Application

Susanta Kumar Bhunia
Post-doctoral research fellow
Technion - Israel Institute of Technology
Israel

Dr. Susanta Kumar Bhunia received his Ph.D. in Chemistry in 2015 from Indian Association for the Cultivation of Science, India. He is currently a postdoctoral research associate with Prof. Lilac Amirav in Schulich Faculty of Chemistry at Technion – Israel Institute of Technology, Haifa, Israel. His current research focuses on the development of various smart nanomaterials and carbon-based advanced nanostructures for nano-biotechnology and energy related application. His expertise is in colloidal synthesis and functionalization of tuneable fluorescent carbon dots, graphene for biomedical and environmental application

SPEAKER SLOTS AVAILABLE

Title: Electrochemical Performance Enhancement by Using Graphene for Energy Storage and Catalysis

Jae-Jin Shim
Yeungnam University
S. Korea

Jae-Jin Shim received his BS degree from Seoul National University in 1980, MS degree from KAIST in 1982, PhD degree from the University of Texas at Austin in 1990. He has been a professor in Yeungnam University since 1994 and served as School Chairman and Vice-Dean of Engineering. He served as the President of the Korean Society of Clean Technology and Vice President of the Korean Society of Engineering Education. He is the Directors of the Institute of Clean Technology and the Clean Energy Priority Research Center. He has published more than 160 papers in reputed journals and served as the Chief Editor of "Clean Technology". His current research interests are synthesis and applications of graphene(or carbon nanotube)-based nanomaterials for supercapacitors, catalysts, and sensors; syntheses of polymers and organic materials using supercritical fluids and ionic liquids; living polymerization in supercritical fluids and ionic liquids; and clean technology.

Title: Sustainable Development in Low Carbon, Green Energies and the Environment

Abdeen Omer
UK

Dr. Abdeen Mustafa Omer (BSc, MSc, PhD) is an Associate Researcher at Energy Research Institute (ERI). He obtained both his PhD degree in the Built Environment and Master of Philosophy degree in Renewable Energy Technologies from the University of Nottingham. He is qualified Mechanical Engineer with a proven track record within the water industry and renewable energy technologies. He has been graduated from University of El Menoufia, Egypt, BSc in Mechanical Engineering. His previous experience involved being a member of the research team at the National Council for Research/Energy Research Institute in Sudan and working director of research and development for National Water Equipment Manufacturing Co. Ltd., Sudan. He has been listed in the book WHO'S WHO in the World 2005, 2006, 2007 and 2010. He has published over 300 papers in peer-reviewed journals, 200 review articles, 7 books and 150 chapters in books

Title: Problems on quasi-sets in quantum mechanics

Eliza Wajch
Siedlce University of Natural Sciences and Humanities
Poland

Eliza Wajch completed her PhD from Lodz University in 1988 and her habilitation in Poland in 1998. She is a mathematician working on topology, axiomatic foundations of mathematics and physics, as well as on applied mathematics. She participated in international conferences on topology, real analysis, set theory, number theory and on physics. She is an author or co-author of about 40 articles and of one book. Currently, she is an associate professor at the Department of Mathematics and Physics of Siedlce University of Natural Sciences and Humanities in Siedlce in Poland.

SPEAKER SLOTS AVAILABLE

Title: Synthesis of flower-shaped hybrid nano structures with standard plant molecules and their antimicrobial, peroxidase-like activities

Ayse Demirbas
Recep Tayyip Erdoğan University
Turkey

Ayse Demirbas was graduated from Department of Aquacultural engineering at Firat University in 2009 and she has received her doctorate degree from the Department of Agricultural and biological Engineering at University of Florida. Recently, she has accepted a position as an assistant professor in the Department of Fisheries and Aquatic Sciences at Recep Tayyip Erdoğan University.

Title: Nonlinear Response of Porous Silicon Thin Films in Short-Infrared Region

Rihan Wu
University of Birmingham
UK

Rihan Wu is a second year PhD student in the Department of Physics and Astronomy, University of Birmingham, UK. She received her Master Degree in Optics and Photonics from Karlsruhe Institute of Technology, Germany. She has her expertise in Electron Transport Mechanism and Optical Nonlinearities in Micro- and Nano-Structured Semiconductors. Her current research focus on the investigations of Self-Focusing effect in porous silicon thin films by using Pump-Probe Technique and Z-scan Method. She has also developed numerical models for simulation of carrier diffusion, relaxation and recombination as well as second and third order nonlinear effects by employing WKB approach and Nonlinear Finite Difference Time Domain Method.

Title: Pair Interaction of Vortical Structures in Continuous Media: Criterion of Stability

Vasily Yu. Belashov
Kazan Federal University
Russia

Prof. Vasily Yu. Belashov, DSci (Physics and Mathematics). Main fields: theory and simulation of the dynamics of multidimensional nonlinear waves, solitons and vortex structures in plasmas and other dispersive media. Presently, he is Chief Scientist and Professor at the Kazan Federal University. He is author of 320 publications including 7 fundamental monographs

SPEAKER SLOTS AVAILABLE

Title: Reduced Graphene Oxide-Silver Nanoparticle Composite as Visible Light Photocatalyst for Degradation of Colorless Endocrine Disruptors

Susanta Kumar Bhunia
Technion - Israel Institute of Technology
Israel

Dr. Susanta Kumar Bhunia received his Ph.D. in Chemistry in 2015 from Indian Association for the Cultivation of Science, India. He is currently a postdoctoral research associate with Prof. Lilac Amirav in Schulich Faculty of Chemistry at Technion – Israel Institute of Technology, Haifa, Israel. His current research focuses on the development of various smart nanomaterials and carbon-based advanced nanostructures for nano-biotechnology and energy related application. His expertise is in colloidal synthesis and functionalization of graphene, tuneable fluorescent carbon dots for biomedical and environmental application.

Title: Fragmentation of the northeastern Paleo-Indian oceanic domain by a creeping lithospheric current: evidence from the Ontong Java Plateau

Carl Strutinski
Germany

Dr. Carl Strutinski, Last academic employment: Geological Institute of Romania, Bucharest & Cluj-Napoca Designation: Researcher Current place of residence: Saarbrücken/Germany Research interests: Geotectonics, Earth Expansion Theory, Evolution of the Solar system, Geo- and Bioevolution

Title: Exploring the celestial sphere with the telescope and computational analysis of the images

Boldea Afrodita Liliana
Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering, Romania

Afrodita Liliana Boldea has completed doctoral studies in theoretical physics in 2011 at the West University of Timisoara, Romania. She is a scientific researcher at IFIN-HH, Magurele and professor lecturer in Didactics of Sciences at the University of Craiova and she has published 11 papers in international journals, 4 specialized books and more than 25 papers in specialized journals.

SPEAKER SLOTS AVAILABLE

Title: New materials for radiation sources in the mid-infrared region

Alessandra Toncelli
University of Pisa
Italy

Alessandra Toncelli has completed his PhD in Physics in 1998 from the University of Pisa. She is Associate Professor at the same University. Her main scientific interests concern the optical spectroscopy of materials in various wavelength regions from the visible to the infrared and THz region. The aim is either to study the material itself (semiconductors, 2D materials, crystals, nanoparticles, polymers...) or the light-matter interaction in new regimes (strong coupling). She has published more than 170 papers in International peer-reviewed journals and currently holds an h index of 41 in Scopus and 42 in ISI Web of Science databases.

Title: Ultrasonic waves and temperature effects on graphene structure fabricated by electrochemical exfoliation method

Razieh Bakhshandeh
Msc, Alzahra University
France

Razieh Bakhshandeh is graduated with distinction in master degree of experimental condensed matter physics from Alzahra University,Tehran. She is interested in examination of electrochemical exfoliation technique for fabricating graphene sheets to investigate the effects of external factors on the properties of graphene plates.

Title: The Wikiversity Hilbert Book Model Project

Ir J.A.J. van Leunen
Retired physicist
Netherlands

Hans van Leunen is retired from a career in high-tech industry and studied chemistry at the HTS and applied physics at the TUE in Eindhoven in the Netherlands. During his career he developed night vision equipment and X-ray image intensifiers. In a later phase he designed new ways of software generation. He retired in 2001 and after that he started the Hilbert Book Model as a personal research project. This resulted in https://en.wikiversity.org/wiki/Hilbert_Book_Model_Project

SPEAKER SLOTS AVAILABLE

Title: Main decay modes of super heavy nuclei

Dorin N. POENARU
Romania

Dorin N. POENARU Born on April 9, 1936 in the village SUIUG, Jud. Bihor, RomaniaPresently Honorary Member of the Romanian Academy. Retired in 2009 from Horia Hulubei National Institute for Physics and Nuclear Engineering (IFIN-HH), Magurele near Bucharest Two PhD: in Nuclear Electronics (1968) and in Theoretical Physics (1981), from Polytechnical Institute of Bucharest, and Central Institute of Physics, Magurele, respectively. From 1996 until 2000 Scientific Director of IFIN-HH. Former Project Coordinator (2000-2003) of the European Commission Commission Centre of Excellence "IDRANAP (InterDisciplinary Research and Aplication based on Nuclear and Atomic Physics)", selected in 2000 among the 34 succesful proposals out of 185 applications from 11 countries.

Title: Analysis of Type Ia Supernovae Light Curves in Observed Bands

Herman Holushko
Independent Researcher, Richmond Hill, Ontario, Canada

Herman Holushko received MS degree in Computer Science at The Bauman Moscow State Technical University in 1990. He has professional experience in computer simulation and currently works as a software engineer in Canada. His articles on computer simulations were published in professional journals and conference proceedings. As an independent researcher he applies his experience for research in astrophysics.

Title: An Immanent-logical Analysis of the Foundations of SRT

Bernardo Gut
Volkshochschule beider Basel
Switzerland

Bernardo Gut was born in Buenos Aires in 1942. He went to the St. Andrew's Scots School, studied science in Zürich, obtaining his PhD at the age of 23 from the University of Zürich. He taught science, philosophy, and Spanish at the Gymnasium Münchenstein, near Basel, from 1967 till 2005. He has published more than 20 papers in several journals and written several books, above all on epistemology, consistency in set theory and in the theory of relativity, but also on biological subjects.

SPEAKER SLOTS AVAILABLE

Title: Theoretical study of single wall carbon nanotube functionalized with palladium as hydrogen sulfide gas sensor

Reza Kalantarinejad
Shezan Company, Pardis

Reza Kalantarinejad graduated at BSc and MSc level in mechanical engineering from Amirkabir University of Tehnology, Tehran, Iran. He conducted his PhD dissertation designing a Nanobiosensor using modern quantum transport approaches. He has several patents and journal papers in the field of nanotechnology and biotech in particular. He is two-time winner of Kharazmi award and has written over 7 books and 20 papers in the field of Nanobiotechnology and Converging Technolgies i.e. NBIC (nano, bio, info and cogno techs). He is an entrepreneur in the field of converging technologies and is the founder of SHEZAN and HAMGARA companies, in which he along with his team have successfully developed relevant technological solutions

Title: The Relativity of Light Speed

Daniel L. Haulman
Montgomery
Alabama

Daniel L. Haulman completed his PhD in history at Auburn University in 1983. For the past 35 years, he has worked at what is now the Air Force Historical Research Agency. While most of his research and publications regard aspects of military and constitutional history, he has developed his theory that light speed is relative since he first conceptualized it in 1982. Dr. Haulman is currently head of the organizational histories section of the Air Force Historical Research Agency.

Title: Matter dynamics in a unitary relativistic quantum theory

Eliade Stefanescu
Advanced Studies in Physics
Centre of the Romanian Academy,
Bucharest, Romania

Eliade Stefanescu graduated the Faculty of Electronics, Section of Physicist Engineers, in 1970. He is doctor in Theoretical Physics, Senior Scientist I at Advanced Studies in Physics Center, Titular Member of Academy of Romanian Scientists, and member of American Chemical Society - Division of Physical Chemistry - Subdivision of Energy. His research interest includes open quantum physics with applications in theoretical and condensed matter physics, and nuclear physics. He is known for a microscopic theory of open quantum systems, the invention and a detailed description of a system converting environmental heat into usable energy, and a unitary relativistic quantum theory

SPEAKER SLOTS AVAILABLE

Title: Quaternions for Singlet States of Quantum Particles.

Lidia Obojska
Siedlce University of Natural Science and Humanities, POLAND

Lidia Obojska has completed her PhD in 1999 from Warsaw University, and her habilitation in 2014 from Polish Academy of Science in Warsaw. She is a professor at Siedlce University, and the Head of the Department of Mathematics and Physics. She has published papers in the field of mathematcis and physics. She wrote a book on a non-classical collective set theory, and has been serving as a referee in several journals

Title: Derivation of Mass & Fine Structure Constant of a free Electron

Manfred Geilhaupt
University of Applied Sciences HS Niederrhein, Germany

First Education: Electrician, Second Education: Dipl. Physiker University of Bielefeld, Third Education: PhD Physical Chemistry University of Bielefeld. 5 Years Industry then Prof for Physics University of Applied Sciendes HS Niederrheinat. Several Reseach Project together with Prof. Dr. Ivanov University of St. Petersburg. Retired 2015

Title: PROGRESS IN COSMOLOGY AND PHYSICS - AN OVERVIEW

Jim Hodges
Ether Drift Club VIC 3337, Australia

Jim Hodges was born in Ballarat, and from childhood was interested in aeroplanes and science. Jim was educated at Ballarat College and RMIT University, and became a Defence aerodynamicist. Late in the 20th Century Jim made an independent study of relativity with fellow Defence scientist James Park. Jim Hodges' main interests are currently aircraft design and fundamental physics. Jim is a member of the Australian Institute of Physics, the Institute of Physics, the Independent Scholars Association of Australia, and the Ether Drift Club. In 2014 the Ether Drift Club discovered a simple, irrefutable, and definitive proof of the existence of the electromagnetic medium.

SPEAKER SLOTS AVAILABLE

Title: Alternative for the Higgs Mechanism

Ir J.A.J. van Leunen
Retired physicist
Netherlands

Hans van Leunen is retired from a career in high-tech industry and studied chemistry at the HTS and applied physics at the TUE in Eindhoven in the Netherlands. During his career he developed night vision equipment and X-ray image intensifiers. In a later phase he designed new ways of software generation. He retired in 2001 and after that he started the Hilbert Book Model as a personal research project. This resulted in https://en.wikiversity.org/wiki/Hilbert_Book_Model_Project

Title: Sustainable Development, Energy and Entropy

Laszlo P. Csernai
University of Bergen
Norway

Laszlo P. Csernai earlier worked in Hungary, East- and West Germany and in the USA. In the recent 30 years he is professor of theoretical physics in Bergen Norway. He supervised 23 students for Master degree and 16 for Ph.D. From his Bergen graduates and postdocs, today seven are professors, in USA (2), China (2), Romania (1), Spain (1), Oslo (1). He worked primarily in the field of nuclear theory, mostly with high energy heavy ions, and has more than 300 publications in many fields of physics. Between 2000-2005, he was directing the Bergen Computational Physics Laboratory, a 1 mill. Euro, Research Infrastructure of the EU. He is member of Det Norske Videnskaps-Akademi, the Norwegian Academy of Science and Technology, two Hungarian Academies, and he is now member of the Council, and earlier he chaired the Physics and Engineering Section of Academia Europaea.

Title: Canonical relativistic quantization of electromagnetic field in the presence of an anisotropic conductor magneto-

Majid Amooshahi
University of Isfahan

A faculty member of physics department in university of Isfahan, Isfahan,Iran.

SPEAKER SLOTS AVAILABLE

Title: New Sight at the Nature of Superconductivity Phenomenon: Simple Explanation

Vasily Yu. Belashov
Kazan Federal University
Russia

Prof. Vasily Yu. Belashov, DSci (Physics and Mathematics). Main fields: theory and simulation of the dynamics of multidimensional nonlinear waves, solitons and vortex structures in plasmas and other dispersive media. Presently, he is Chief Scientist and Professor at the Kazan Federal University. He is author of 320 publications including 7 fundamental monographs

Title: Heat Exchanger Technology and Applications: Ground-Source Heat Pump System for Buildings Heating and Cooling

Abdeen Omer
Energy Research Institute
UK

Abdeen Mustafa Omer (BSc, MSc, PhD) is an Associate Researcher at Energy Research Institute (ERI). He obtained both his PhD degree in the Built Environment and Master of Philosophy degree in Renewable Energy Technologies from the University of Nottingham. He is qualified Mechanical Engineer with a proven track record within the water industry and renewable energy technologies. He has been graduated from University of El Menoufia, Egypt, BSc in Mechanical Engineering. His previous experience involved being a member of the research team at the National Council for Research/Energy Research Institute in Sudan and working director of research and development for National Water Equipment Manufacturing Co. Ltd., Sudan. He has been listed in the book WHO'S WHO in the World 2005, 2006, 2007 and 2010. He has published over 300 papers in peer-reviewed journals, 200 review articles, 7 books and 150 chapters in books.

Title: Higher-order glass-transition singularities in nano-confined states

PACHAN KRISHNAN
City University of Hong Kong
Hong Kong

Pachan Krishnan, Rithin has completed his Master of Science in Nanosciences and Technology at the age of 24 years from Karunya Institute of Science and Technology, Coimbatore, India and currently doing Doctor of Philosophy(Ph.D) studies at City University of Hong Kong in the Department of Physics from September 2016. He has published his works in three reputed international journals while his second year of Ph.D is ongoing.He has presented his previous project works at two international conferences. The area of Ph.D studies involves the neuton scattering studies of Liquid state- nano confinement effects.

SPEAKER SLOTS AVAILABLE

Title: Effect of Sb additive on the optical parameters of Se-Te chalcogenide films

O. El-Shazly
Alexandria University

O. El-Shazly has experience in the preparation of materials such as metallic glasses and amorphous semiconductor materials. This includes bulk and thin film materials. Characterization of the prepared materials and studying the electrical, thermal and optical properties is of interest. O. El-Shazly is a Professor of Solid State Physics at the Faculty of Science, Alexandria University, Egypt.

Title: On a Non-Perturbative Quantum Relativity Theory Leading to a Casimir-Dark Energyof nano particles

E. Rostampour
Islamic Azad University

. E. Rostampour is a professor in Isamic Azad University in Tehran, Iran. He is currently working in Science and Research Branch, Plasma Physics Research Center.

Title: Direct experimental determination of contact angles and line tensions

Paul E. Wagner
University of Vienna

Paul E. Wagner is currently Ao. Professor i.R. at University of Vienna. Some previous positions: Guest Scholar at Clarkson University, USA, Guest Scholar at Kyoto University, Japan, Visiting Professor at the University of Helsinki, Finland. Some honors: Smoluchowski Award for Aerosol Research, Fellow of the Japan Society for the Promotion of Science, Honorary Member of the Committee on Nucleation and Atmospheric Aerosols, Honorary Doctorate from University of Helsinki. Service: Vice President of Gesellschaft für Aerosolforschung, Chairman of Committee on Nucleation and Atmospheric Aerosols, Co-Chairman of five International Conferences. Bibliography: 10 books and more than 180 refereed publications.

SPEAKER SLOTS AVAILABLE

Title: Improved performance desalination of the synthesized CNT/ ceramic composite membrane distillation for oilfield produced water desalination Actnides Based on an Atom-at-a-time Scale

Rai Sachindra Prasad
Mahamaya Technical University

PhD in Systems from Elect Engineering Department, IIT, Kharagpur, India. Teaching and research experiemce of over 35 years in instrumentation related to agricultural engineering, Smart grid, and image processing, has published more than 15 papers in IEEE/ACM/ other reputed international conferences and more than 15 in Journals. He is Reviewer of reputed International journals (IEEE Systems Engineering, IEEE Trans on Smart Grid, Elsevier Journal of Power and Energy, and Member of Editorial Board of a journal (LJABE). Currently Visiting Professor in Mahamaya Technical University. Current interest: Human biofield: thought forms image analysis. Six papers have been reported/published in 2017.

Title: Improved performance desalination of the synthesized CNT/ ceramic composite membrane distillation for oilfield produced water desalination

Zahra Sadeghian
Research Institute of Petroleum Industry (RIPI)

Zahra Sadeghian is an associate professor in materials science and engineering. She has been received PhD in 2005 from TU Clausthal in Germany. She has been fellowship in chemical Engineering (membrane Science) in RWTH Aachen University in 2010. She is working in research Institute of petroleum Industry (RIPI) from 2005. Her expertise in nanostructured coatings for surface modification and nanomaterial synthesis such as carbon nanotube and graphene and their composites. Also she has been fabricated ceramic composites as adsorbent, catalysts and membranes. She has been worked on oilfield produced wastewater treatment and desalination pilot plant using ceramic membranes. Also she has been fabricated ceramic membranes for separation of hydrogen from syngas and other gas separation applications.

Title: High Corrosion Resistance Offered by Multi-Walled Carbon Nanotubes Directly Grown Over Mild Steel Substrate

Sweety Arora
Indian Institute of Science

Sweety is enrolled in PhD at Indian Institute of Science, Bangalore since june 2015. She is working on developing corrosion resistant coatings using carbon nanotubes and graphene oxide as a filler material in metallic coatings over mild steel substrate.

SPEAKER SLOTS AVAILABLE

Title: Imaging the Underground Contaminants in Landfill Sites Using Electrical Impedance Tomography

A. S Ogungbe
Lagos State University

A.S Ogungbe and C.O Ogabi have completed their PhD from Federal University of Agriculture, Abeokuta and University of Ibadan respectively. They are currently Senior Lecturers at Lagos State University, Ojo. They have published more than 20 papers in reputed journals and have been serving as reviewers of some reputable Journals.

Title: A Mass-energy Equivalence Law as E = ½ mc2

Musa D. Abdullahi
Umaru Musa Yar'adua University

Musa D. Abdullahi obtained BSc degree in physics from the University of Manchester, England, in 1965. He was the first person to obtain a postgrduate degree, in Electronics and Telecoms, from Ahmadu Bello University, Zaria, Nigeria, in August 1968. He taught at Ahmadu Bello University, Zaria and Federal University of Technology, Minna in Nigeria. He is a Fellow of the Nigerian Academy of Engineering. He retired from public service in August 2000. He is now Adjunct Lecturer in the Department of Physics, UMY University, Katsina, Nigeria. He is a prolific contributer of papers in On-line Journals.

Title: Pair Interaction of Vortical Structures in Continuous Media: Criterion of Stability

Peetam Mandal
National Institute of Technology

Peetam Mandal has completed his 5 years integrated M.Sc in Applied Chemistry from Central University of Jharkhand, Ranchi. He has joined the Department of Chemistry, NIT Agartala as regular PhD student. His research area includes the synthesis of carbon nanoparticles/ graphene/ graphene oxide/ nanocomposites and their application in solar cell.

SPEAKER SLOTS AVAILABLE

Title: Characterization of the solvent specific evaporation from carbon nanotube buckypapers with different functionalization.

Ildiko Toth
University of Szeged

Ildiko Toth is a postdoc at the Department of Applied and Environmental Chemistry (University of Szeged). Her main research topics are the characterization and tuning of the surface charge and surface energy of nanostructures, and the evaporation of different solvents from porous materials. Her PhD work was the "Synthesis of variable sized magnetite nanoparticles and their surface modification by polianionic coatings" made at the Aqueous Research Group (University of Szeged).

Title: Nanocarbon based Field Assisted Electron Emitter Arrays for the Development of Electrical Propulsion for Nano Satellite Actnides Based on an Atom-at-a-time Scale

Nirupama M P
BML Munjal University

Nirupama M P is currently working as Faculty at BML Munjal University. She has expertise in nanocarbon material growth and characterization. She has over 8 years of teaching and industrial experience. Her areas of research includes nanotechnology, aerospace, novel electronics materials & devices and vacuum nanoelectronics. She also involves herself in social work to support and empower women and children.

SPEAKER SLOTS AVAILABLE

Berlin Attractions

