

US-EU-Africa-Asia-Pacific and Caribbean Nanotechnology Initiative (USEACANI) Workshop Online, June 21-26, 2009 (a new date and venue will be fixed for the on the ground part of the workshop)

Online Program

Monday, June 22, 2009

- 10.00-10.30: Opening speech by Dr. Ejembi Onah, Founding President FONAI and Chairman Steering Committee, USEACANI
- 10.30-11.23 am: *Educating the next generation of scientists and engineers: Nanotechnology in the K-16 science curriculum, Aldrin Sweeney-USA*
- 10.23 am-11.16 am: Synthesis, characterization and application of nanoparticles, nanowires and polymer nanocomposite, Samy El-Shall-USA
- 11.16 am-12.09 pm: A Novel PLGA-PEG-PLGA-encapsulated NGR-coupled Stealth PEI/pDNA Nanoparticle Assembly for Targeting Human Monocyte-derived Dendritic Cells: A Paradigm for Efficient DNA Vaccination, Stanley Moffatt et al-Africa
- 12.09 -1.02 pm: Lunch
- 1.02-1.55 pm: Nanoscience and Nanotechnology in the Developing World: The Importance of Multidisciplinary Work and International Collaborations, Mauricio Terrone-Mexico
- 1.02-1.55 pm: Nano-composite Polymer Electrolyte Membranes containing Nano-tubular Titania for Fuel Cells, Harinder Missan et al-Caribbean
- 1.48 -2.41 pm: Study of Electric Field Induced Second Harmonic (EFISH) Generation from Au and Ag implanted LiNbO₃ nano Composites-Anil Chaudhary et al-India
- 3.00 pm-3.30 pm: Coffee and tea break
- 3.30-4.23 pm: Nano Financing: Prospects for Industrial Development, Paul Iwezulu-UK
- 4.23 -5.30 pm: Nano 'CeMOSPE' Composite Material, Obinna-Africa
- 5.30-6.23 pm: Tailored nano-systems for energy and photonics applications: ongoing projects within the Nanosciences African Network-Malik Maaza et al, Africa

Tuesday, June 23, 2009

- 9.00-9.53 am: Nanostructured electrochemical biosensor, Omowunmi Sadik-USA
- 9.53-10.46 am: Lanthanide (III) naoclusters: metal – metal interactions, Ishenkumba Kahwa et al-Caribbean
- 10.46-11.22: Versatility of Product Formation in Non-Aqueous Hydrolysis of a Fatty Ester as Precursors for Nanochemical, Onyanobi Abel-Anyebe-Africa
- 11.22-12.00 pm: Nanotechnology and the Creation of a More Equitable World, Donald C. Maclurcan-Australia
- 12 -1.00 pm: Lunch
- 1.00-1.53 pm: Synthesis and characterization of CdS Nanowires, and CdS/TIS Nanoflower Grown in a Polymer Matrix by Chemical Bath Deposition (CBD) Method-F.I.Ezema-Africa
- 1.53-2.46 pm: Evaluation of Surface Modified Solid Lipid Nanoparticles Containing Nevirapine, an Antiretroviral Drug for Controlled Delivery and Targeting-Attama A.A., Africa
- 3.00 pm-3.30 pm: Coffee and tea break
- 3.30-4.23 pm: Incidence of antibiotic resistant bacteria; the Ondo State case study and nanomedicine approaches-Jeff-Agboola et al-Africa
- 4.23-5.30 pm: Ortanique polymethoxylated flavones, fiber and incretins interplay in glucose release and absorption for potential nanomedicine application, Asemota et al-Caribbean and USA
- 5.30-6.23 pm: Single-cycle- infection Viral Vectors as Model Probes for Antiviral Screening Studies in Nanomedicine and Nanobiotechnology, Charles Esimone-Africa

Wednesday, June 24, 2009

- 9.00 am-9.53 am: HIV/AIDS in Africa and the Caribbeans:A descriptive analysis human immunodeficiency virus (HIV) infected in a Nigerian mission hospital for uses in

nanomedicine , Paul Odumu-Africa
10.00-10.30.am: Coffee and tea break
10.30 -11.23 am: Nanotechnology and Sustainable Development: The Place of Sub Sahara Africa and Policy Considerations, Ajibefun Igbekele-Africa
12.00 -1.00 pm: Lunch
1.00-1.53 pm: Synthesis and Characterizations of CuSe (CS) Nano Thin Films for Photovoltaic Applications, Benjamin Ezekoye etal, Africa
1.53-2.46 pm: Generation of mucinated cellulosic micro-fibers by mucin and microcrystalline cellulose hybridization with potentials for nanomedicine, Michael Adikwu etal-Africa
3.00 pm-3.30 pm: Coffee and tea break
3.30 -4.23 pm: Study of the relationship between nanoparticles of silica and thermoplastic polymers (TPU) in nanocomposites, Jose Vega-Baudrit-Costa Rica
4.23-5.16 pm: Conjugation of Gold Nanoparticles with Folic Acid (For cancer cells nanotechnology-based targeting), Mansoori etal, USA
5.16-6.09 pm: Melt Electrospun Nanofibers for Applications in Filtration, Samuel Ugbolue, USA

Thursday, June 25, 2009

9.00 am-10.00 am: Nanobasket through USEACANI; bridging the nanodivide, Ejembi Onah founding Chairman, USA