



Athens Institute for Education and Research
4th Annual International Conference on Chemistry
18-21 July 2016, Athens, Greece
Organized by the [Chemistry Research Unit](#) of ATINER
sponsored by the [Athens Journal of Sciences](#)
[Scientific & Organizing Committee](#)



Conference Venue: [Titania Hotel](#), 52 Panepistimiou Street, 10678 Athens, Greece

Monday 18 July 2016

(all sessions include 10 minutes break)

08:00-08:30 Registration and Refreshments

08:30-09:00 Welcome & Opening Address (ROOM A--10th Floor)

- Gregory T. Papanikos, President, ATINER.
- George Poulos, Vice-President of Research, ATINER & Emeritus Professor, University of South Africa, South Africa.

09:00-10:30 Session I (ROOM B-10th Floor): Environmental Issues

Chair: Ethel Petrou, Academic Member, ATINER & Professor and Chair, Department of Physics, Erie Community College-South, State University of New York, USA.

1. Jagannathan Sankar, Distinguished Professor, North Carolina A&T State University, USA. Revolutionizing Metallic Biomaterials for Biodegradable Implants – A Global Status.
2. Marwa Elkady, Associate Professor, Egypt-Japan University of Science and Technology, Egypt & Hassan Shokry Ahmed, Assistant Professor, City of Scientific Researches and Technological Applications, Egypt. Nano-Tube Zirconium Tungesto-Vanadate as Cation Exchanger for Lead Decontamination from Polluted Wastewater.
3. *Burhan Davarcioglu, Associate Professor, Aksaray University, Turkey. Adaptation to Climate Change and Eco-Efficiency (Cleaner Production) for More Effective Environmental Management in Industry.

10:30-12:00 Session II (ROOM C-10th Floor): Organic Chemistry & Biochemistry

Chair: Marwa Elkady, Associate Professor, Egypt-Japan University of Science and Technology, Egypt.

1. Dimitris Argyropoulos, Finland Distinguished Professor, North Carolina State University, USA, C. Cui, North Carolina State University, USA, R. Sun, North Carolina State University, USA, S. Sen, North Carolina State University, USA & H. Sadeghifar, North Carolina State University, USA. Homogeneous Technical Lignins as Phenolic Precursors to Heat Stable Polymers and Carbon Fibers.
2. *Ryszard Ostaszewski, Professor and Head of The Scientific Group, Institute of Organic Chemistry Polish Academy of Sciences, Poland. The Studies on Enzymatic Kinetic Resolution of Selected Unsaturated Carboxylic Acids.
3. *Khadija Mammadyarova, Ph.D. Student, Azerbaijan National Academy of Sciences, Azerbaijan. Anti-wear Properties of Amino Derivatives.
4. Anouar Alami, Head, Department of Chemistry, Sidi Mohamed Ben Abdellah University, Morocco. Heterocyclic Compounds: Synthesis, Characterization, Electrochemical Study, Study and Prediction of Biological Activity.

13:30-14:30 Lunch

14:30-16:00 Session III (ROOM B-10th Floor): New Ideas and Methods in Education

Chair: *Avinash Sharma, Professor and Director, GGS Indraprastha University, India.

1. *Bala Maheswaran, Professor, Northeastern University, USA. Assessment and Analysis of a New Teaching and Learning Approach via Mastering Technique.
2. Mina Katramatou, Associate Professor, Kent State University, USA. Winds of Change in Undergraduate Physics Programs in the USA.
3. Nassim Hamein, Director of Research, Hawaii Institute for Unified Physics, USA & Amira Val Baker, Research Scientist, Hawaii Institute for Unified Physics, USA and University of Malaya, Malaysia. The Electron and the Holographic Mass.

16:00-18:00 Session IV (ROOM B-10th Floor): A Round-Table Discussion on *Teaching and Researching Sciences (Physics and Chemistry) in a Global World*

Chair: Ethel Petrou, Academic Member, ATINER & Professor and Chair, Department of Physics, Erie Community College-South, State University of New York, USA.

1. Dr **Jagannathan Sankar**, Distinguished Professor, North Carolina A&T State University, USA.
2. Dr **Edward Lee-Ruff**, Professor, York University, Canada.
3. Dr **Nassim Hamein**, Director, Hawaii Institute for Unified Physics, USA
4. Dr **Avinash Sharma**, Professor & Director, GGS Indraprastha University, India.
5. Dr **Batric Pesic**, Professor, University of Idaho, USA.
6. Dr **Anouar Alami**, Professor & Head of Department of Chemistry, Sidi Mohamed Ben Abdellah University, Morocco.

21:00-23:00 Greek Night and Dinner (Details during registration)

Tuesday 19 July 2016

08:00-11:00 Educational and Cultural Urban Walk Around Modern and Ancient Athens (Details during registration)

11:00-13:00 Session V (ROOM B-10th Floor): Applied Chemistry & Applied Physics

Chair: *Bala Maheswaran, Professor, Northeastern University, USA.

1. *Haiduke Sarafian, Professor, The Pennsylvania State University, USA. Vibrating Inductor and an RL(t) Network.
2. *Edward Lee-Ruff, Professor, York University/Chemistry, Canada. Photochemical Generation of 9-Fluorenyl Radicals.
3. Batric Pesic, Professor, University of Idaho, USA. Transport of Chloride Ions Evaluation through Modulated Concrete Microstructures.
4. Gregory Boutis, Associate Professor, The City University of New York, USA. 13C, 2H NMR Studies of Structural and Dynamical Modifications of Cholesterol Exposed Porcine Aortic Elastin.
5. Jorge Rosenblatt, Professor Emeritus, Institut National de Sciences Appliquées, France. Inequality and Indistinguishability in Statistical Econophysics.

13:00-14:00 Lunch

14:00-16:00 Session VI (ROOM C-10th Floor): Special Topics

Chair: *Edward Lee-Ruff, Professor, York University/Chemistry, Canada.

1. Jun Peng, Professor, Northeast Normal University, China. Tri-vanadium Substituted Keggin Tungstosilicate Microtubes: Synthesis and Characterization.
2. Hassan Shokry Ahmed, Assistant Professor, City of Scientific Researches and Technological Applications, Egypt, Abdel-Hady Kashyout, Head, City of Scientific Researches and Technological Applications, Egypt, Iman Morsi, Professor, Arab Academy for Science, Technology and Maritime Transport, Egypt, Abdelmenem Nasser, Professor, Arab Academy for Science, Technology and Maritime Transport, Egypt & Ibrahim Ali, Specialist, Arab Academy for Science, Technology and Maritime Transport, Egypt. Fabrication of High Sensitive ZnO Gas Sensor for LPG Gas Detection.
3. Maria Elena Campos-Aldrete, Researcher, ENCB - Instituto Politécnico Nacional, Mexico. Modulator Effect of the Nitro Group over Imidazo [1,2] Piridines Activity.

21:00-22:30 Dinner (Details during registration)

Wednesday 20 July 2016
Cruise: (Details during registration)

Thursday 21 July 2016
Delphi Visit: (Details during registration)