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6th Edition of International Conference and Exhibition on Organic Chemistry 2018

August 16-17, 2018 Dublin, Ireland

AGENDA

Biography

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Synthesis of multi-compartment nanoemulsions for localized co-delivery of different classes of oil-soluble drug molecules

Thomas G Mason

University of California-Los Angeles, USA

Thomas G. Mason received his Ph.D. from Princeton University in 1995. He completed a first postdoc at the CNRS Paul Pascal Research Institute in Bordeaux in physical chemistry and a second postdoc at Johns Hopkins University in chemical and biomolecular engineering. Following 6 years as a PI research scientist in industry, in 2003, Mason joined UCLA as an assistant professor of physical chemistry and physics. Promoted to full professor in 2009, he has published more than 120 papers in peer-reviewed journals and is an inventor on 15 issued patents. Mason has received Princeton's Joseph Henry Prize, Intel's New Faculty Award, and NSF's Career Award, and he is a fellow of the Americal Physical Society.

Stille reaction of β -nitro and β -tosyl substituted styryl bromides

Antonio J Zapatav

University of Guayaquil, USA

Antonio J. Zapata V. is an organic chemist from Venezuela who obtained his PhD from Northeastern University, Boston, in 1981. He went on to work in the Chemistry Department of Universidad Simón Bolívar in Caracas where he worked from 1981 until 2014. In 1988 he was a visiting professor in the Chemistry Department of University of South Carolina. From September 1996 to 1997 he was a visiting professor at the Chemistry Department of University of Massachusetts (Dartmouth). In June 2014, he moved to Guayaquil and is currently working at the Chemical Engineering Faculty of the University of Guayaquil, Ecuador.

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Stereocontrolled Synthesis of Chiral N- and O-Heterocycles

Don M. Coltart
University of Houston
USA

Don Coltart obtained his Master's degree from the University of Manitoba under the supervision of Professor James L. Charlton, and he then joined the research group of professor Derrick L. J. Clive at the University of Alberta where he obtained his Ph.D. His postdoctoral work was conducted at the Memorial Sloan-Kettering Cancer Center as an NSERC, AHFMR, and CRI Scholar under the supervision of Professor Samuel J. Danishefsky. Don began his independent career at Duke University in 2004 and moved to the University of Houston in 2012 where he is an associate professor.

Multivariate Analysis of a Nucleophilic Aromatic Substitution by Real-Time On-Line Flow Reaction Monitoring Using Miniaturised Mass Spectrometry

Christopher Harris
Microsaic Systems plc,
United Kingdom

Dr Christopher Harris is an Application Specialist at Microsaic Systems plc, developers of point-of-need mass spectrometers that serve a range of applications. Key application areas include reaction monitoring and mass directed purification.

Chris received his PhD in Chemistry from Nottingham University studying the mass spectrometry and electrostatics of molecular clusters.

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Organic photovoltaic cell: A promising indoor light harvester for self-sustainable electronics

Wing Chung Tsoi
Swansea University College of Engineering, UK

Dr. Wing Chung Tsoi has completed his PhD in organic liquid crystals for solar cells at Hull University and postdoctoral research at University of Sheffield, Imperial College London, and National Physical Laboratory. He has been working as a Senior Research Officer on organic photovoltaic (PV) cells at Swansea University in UK. He has published 40 papers in reputed journals and is leading a group on advanced characterization (particularly new/advanced Raman spectroscopy) of organic PV materials/devices, stability of organic PV materials/devices, and novel/emerging applications of organic PV cells, including for indoor application, and power generation windows.

Synthesis of 2-acylbenzonitriles and reactivity in organocatalytic tandem reaction: Easy access to heterocycles with tetrasubstituted carbon

Antonio Massa
Salerno University Italy

Dr. Antonio Massa is associate professor in Organic Chemistry at University of Salerno (Italy) since 2015. He is author of more than 80 publications.

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Electrosynthesis as an investigation tool

Victor Mairanovsky
ScienceSociety WiGB at the Jewish Community, Germany

Dr. Chem Mairanovsky Victor Grigorievitch. Ph.D., Frumkin Institute of Electrochemistry (1966); doctoral thesis, Moscow State Lomonossov University (1980). Head of the Laboratory of the Physical-Chemical Methods, All-Union-Institute for Vitamin Research, Moscow, USSR (1972-1993). Since 1993 in Germany, co-founder of the Sci. Soc. *WiGB* at the Jewish Community Berlin.

Green chemistry and alternatives techniques – hiking around glycerol

Christophe Len
PSL Research University, France

Prof. Dr Christophe Len is a Full Professor at the Université de Technologie de Compiègne – UTC (France) and performs his research in PSL Research University, Chimie ParisTech. He has published almost 150 original publications and review articles, 7 chapters and 8 patents (H-index 24). Among recent awards and recognition to his scientific career, he was promoted Honorary Professor of the University of Hull, England (2012-2018), Honorary Life Fellow of Indian Society of Chemists and Biologists (ISCB, 2014), Fellow of the Association of Carbohydrate Chemists and Technologist of India (ACCTI, 2015) and Fellow of the Royal Society of Chemistry (FRSC, 2015). Moreover, he received Glycerine Innovation Research Award (2017). His current research explores organic chemistry and catalysis applied to biomass using alternative techniques.

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The synthesis of 3-amino-1-hetarylfluorene derivatives and their unprecedented Side products

Ergin Yalcin
Gazi University
Turkey

Ergin Yalçin currently works at the Graduate School Of Natural And Applied Sciences of Gazi University. His research interest focus on the synthesis of novel ligands which may have interaction with Biomolecules (G-Quadruplex DNA, ds-DNA, RNA etc) that have a challenging task to identify biological important processes.

Nanocatalysis by Sustainable Advanced Materials

Manoj B. Gawande
Palacky University, Czech Republic

Prof. Manoj B. Gawande received his Ph.D. degree in Chemistry in 2008 f Institute of Chemical Technology, Matunga, Mumbai, India. After sev research stints in Germany, South Korea, Portugal, Singapore, and Engl Presently, he is working as an Associate Professor and Head nanocatalysis group at RCPTM, Faculty of Science, Palacky Univer Olomouc, Czech Republic. His research interests include nanocatalysis advanced nanomaterials and their applications. He is currently supervi several doctoral students and postdoctoral workers. He has published 90 scientific publications, including reviews, patents, editorials, and arti In 2017, he was admitted as a Fellow of Royal Society of Chemistry (R United Kingdom.

Biography

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Oxidative cross-coupling with C-O bond formation

Alexander O Terentev

Russian Academy of Sciences, Russia Federation

Alexander O. Terent'ev was born in Moscow, in 1973. PhD degree (2000). D.Sc. degree (2009). 2011 – Professor in D. Mendeleev University of Chemical Technology of Russia. 2014 – Head of laboratory in N.D. Zelinsky Institute of Organic Chemistry RAS, 2016 – Head of laboratory in All-Russian Research Institute of Phytopathology. He published 3 chapters of books, 100 research papers, and 30 patents.

DNA repair enzymes inhibition as a promising approach to new anti-cancer drugs

Konstantin Volcho

Novosibirsk State University, Russia

Prof. Konstantin Volcho received his PhD in 1997 from Novosibirsk State University, Russia. Since that he has been working at Novosibirsk Institute of Organic Chemistry (Russia) in the Department of Medicinal Chemistry. He is a Professor of Russian Academy of Science. The research interests of Prof. Volcho include development of novel treatments against nervous system disorders, antivirals and anticancer agents, usually based on natural products derivatization. He has published about 150 papers in reputed journals. He is an inventor in more than 35 issued patents. Three compounds found with his participation are currently in preclinical studies as anti-Parkinsonian, analgesic and antidepressant agents.

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Organic and organometallic derivatives of α-tocopherol mimetics as promising antioxidants

Elena R Milaeva
Moscow State Lomonosov University, Russia

Dr. Elena R. Milaeva is a professor of Organic chemistry in Moscow State Lomonosov University, Head of the Department of Medicinal Chemistry & Fine Organic Synthesis. PhD in the A.N. Nesmeyanov Institute of Organoelemet Compounds of Russian Academy of Sciences in 1980. Professor of Organic Chemistry in Moscow State Lomonosov University, Faculty of Chemistry in 1997.

Discovery new synthetic reactivities of the enamine chemistry

Jiang Yaojia
Nanjing Tech University China

Dr. Jiang Yaojia is a professor of Organic chemistry in Nanjing Tech University and completed his PhD studies in 2014 and postdoctoral studies in 2015 from Prof. Loh Teck-Peng group in Nanyang Technological University, Singapore.

Biography

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Carbon electrode-molecule junctions: A reliable platform for molecular electronics

Xuefeng Guo
Peking University,China

Dr. Xuefeng Guo received his Ph.D. degree in Organic Chemistry in 2004 from the Institute of Chemistry, Chinese Academy of Science, Beijing. In 2006, he was awarded the National Top 100 Excellent Ph. D. Thesis Award in China. From 2004 to 2007, he was a joint postdoctoral scientist at the Columbia University Nanocenter, where he worked on single-molecule devices and device physics. He joined the faculty as a professor under "Peking 100-Talent" Program at College of Chemistry and Molecular Engineering, Peking University in January 2008. In 2012, he won the National Science Fund for Distinguished Young Scholars in China. In 2015, he was selected as the Ministry of Science and Technology Youth Science and Technology Innovation Leader in China. His research interests are focused on single-molecule devices and device physics, flexible/organic electronics, single-molecule biodetection and dynamics, etc. He has over 130 scientific papers, including Science, Chem. Rev., Chem. Rev., Acc. Chem. Res., Chem. Soc. Rev., Nature Nanotechnol., PNAS, JACS, Angew. Chem. Int. Ed. et. al., and 16 patents.

Reusable Mesoporous Solid-Based Pd Catalysts for C-C bonds formation in Water

Ying Wan
Shanghai Normal University, China

Dr. Ying Wan is a professor of chemistry in Shanghai Normal University. She received her Ph.D. degree in Industrial Catalysis from the East China University of Science and Technology in 2002. Then, she joined Shanghai Normal University where she was promoted to a full professor in 2006. Currently, Professor Ying Wan is the leader of the Program for Innovative Research Team in University, China. She has contributed to about 70 peer-reviewed scientific publications with more than 7000-times citations and 3 books. She has been an associate editor of Journal of Porous Materials since 2013.

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Novel Enantioselective Organocatalytic Transformations Involving Rauhut-Currier Reaction

Hiroaki Sasai
Osaka University
Japan

Dr. Hiroaki Sasai received Ph.D. in 1985 from Keio University. After working as an Assistant Professor at Hokkaido University, he moved to the University of Tokyo (lecturer and then associate professor) in 1992 and then moved to the current position in 1997. He is a recipient of 1995 PSJ Award for Young Scientists and the Fluka Prize "Reagent of the Year 1996". He also received CSJ Award for Creative Work in 2006, the Molecular Chirality Award in 2011, Synthetic Organic Chemistry Award in 2016, and Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology, Japan, in 2018.

A simple amino-amide catalyzed enantioselective crossed aldol reaction of ketones with aromatic aldehydes

Isiaka A Owolabi
Muroran Institute of Technology, Japan

Mr.Owolabi Isiaka Alade is a Ph.D. student of Synthetic Organic Chemistry at Muroran Institute of Technology under supervision of Prof. Hiroto Nakano, investigating the application of the Amino Amide-catalyzed direct aldol toward the synthesis of complex natural products. He is the member of The Society of synthetic Organic Chemistry, Japan.

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Synthesis and evaluation of antibacterial and antioxidant activity of new derivative pyrido [1,2b] [1,2,4] triazepine derivatives

ShigekiMatsunaga
National Institute of Technology, Nagaoka Japan

Dr. Matsunaga is a professor of Physics in National Institute of Technology, Nagaoka College. He graduated from the Faculty of Science, Saitama University in 1981. He received master's degree at Graduate School, Division of Natural Science, Niigata University in 1983. He also received ph.D degree at Niigata University by the experimental and theoretical studies on compound forming liquid alloys. He is a member of The Physical Society of Japan, The Japanese Society for Neutron Science, The Molecular Simulation Society of Japan, The Japan Association of Solution Chemistry, and The Physics Education Society of Japan.

Green synthesis of thiobenzamide derivatives by willgerodt-kindler reactions in acidic catalysis with montmorillonite k-10

Agnimonhan Finagnon Hyacinthe
University of Abomey-Calavi

Dr. Hyacinthe F Agnimonhan is an assistant professor of organic chemistry at the Faculty of Science and Technology of the University of Abomey-Calavi, since October 2017. He was born the 09 August 1979 in Côte d'Ivoire and Beninese nationality. He obtained his PhD in 2016 in Organic Chemistry and Natural Substance. He has previously been a certified professor of physics, chemistry and technology in general secondary education for over 10 years. Researcher at the Laboratory of Organic Chemistry Physical and Synthetic, he is author of 03 articles published in indexed journals and member of the West African Society of Chemistry.

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Synthesis of novel quinoline hybrids via molecular hybridization and their pharmaco-potential evaluation

Paul Awolade
University of KwaZulu-Natal

Mr. Paul Awolade is currently a PhD student in the organic synthesis and medicinal chemistry research group of the School of Chemistry and Physics, University of KwaZulu-Natal, Westville Campus, Durban, South Africa. He has a keen passion for developing new heterocyclic entities to tackle pathogenic resistance.

Selected pesticides as acetylcholine esterase inhibitors-theoretical and experimental studies

Biljana B Arsic
University of Pristina

Dr. Biljana Arsic is a Scientific Associate at Department of Mathematics, Faculty of Sciences and Mathematics, University of Nis, Republic of Serbia. She received her PhD at University of Manchester, United Kingdom on the investigation of macrolide antibiotics as anti-bacterial and potential anti-malarial medicines. Until now, she published 37 papers in peer-reviewed journals in English, two books in Serbian related to teaching, one chapter in the edited book in English, and attended numerous conferences and symposia. She worked as an Associate editor, also was a member of the Editorial Board, and is currently reviewers for numerous journals in English.

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Biocatalytic approaches towards enantioselective synthesis of 1,2-amino alcohols and other useful precursors of bioactive molecules

Pankaj Gupta
Govt Degree College Kathua

Dr. Pankaj Gupta is associated with chemistry department of Govt. Degree College Kathua, India.

C→N coordination bonds in (NL2)+ complexes

Neha Patel
NIPER, SAS, India

Neha Patel has recently submitted her Ph.D. under the supervision of Prof. Prasad V. Bharatam at NIPER S.A.S. Nagar, India. Her Ph.D. work includes theoretical and experimental investigation on 'Divalent NI compounds (NL2+ systems), their synthesis, electronic structure analysis and applications. She completed her post-graduation from NIPER S.A.S. Nagar, Punjab, India, in 2013. She is a Pharmacy graduate from Dr. H.S. Gour Central University, Sagar, India, in 2011.

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Quality assessment of sewage pollution and wastewater effluent: A case study of Accra Metropolis

Emmanuel Oduro Sarkodie
Metropolitan University

Emmanuel oduro sarkodie is workin as a professor in metropolitan university Ghana.

Synthesis and evaluation of antibacterial and antioxidant activity of new derivative pyrido [1,2b] [1.2.4] triazepine derivatives

Houda Serrar
Ibn Tofail University, Morrocco

Houda Serrar received her a master's degree in Organic Chemistry from Faculty of Sciences, Ibn Tofail University, Morocco, in 2011. She is currently a Ph.D. student at Ibn Tofail University. Her research has focused on the new synthetic methodologies to synthesize the heterocyclic compounds and the study of their inhibitory power of the corrosion of metals (iron, copper). She is also interested in the field biological, she tested the synthesized heterocyclic compounds for their antidiabetic , antioxidant antibacterial and antidepressant activity, she also tested acute toxicity in vivo.

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Novel asymmetric synthesis of (S)-Ketamine anesthetic drug using the chiral tert-butanesulfinamide

Abdollah Javidan
University of Eyvaneky

Graduated from Department of Chemistry, Wollongong University in 1996 with a Ph.D. under supervising Prof. Steve Pyne. My Ph.D. work was on asymmetric synthesis of proline as novel angiotensin converting enzyme (ACE) inhibitors. I worked initially as a teaching assistant Graduated from Department of Chemistry, Wollongong University in 1996 with a Ph.D. under supervising Prof. Steve Pyne. My Ph.D. work was on asymmetric synthesis of proline as novel angiotensin converting enzyme (ACE) inhibitors. I worked initially as a teaching assistant with the Department of chemistry University of IHU (Tehran-Iran), followed by nano research center as a research assistant and deputy of Nano center

Metal free synthesis of beta-triazole tetra phenyl porphyrins and related compounds

Mian Gul Sayed
Institute of Chemical Sciences
University of Swat

Dr. Mian Gul Sayed have completed my PhD at the age of 33 years from University of Malakand, Dir Lower KP, and Pakistan. I did my research in Department of Chemistry KU LEUVEN Belgium under the supervision of Professor Wim-Dehaen. Currently I am serving as assistant professor in institute of chemical sciences university of Swat, KP, Pakistan

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Kinetic regularities of photochemical processes in air- methane gas phase system

S M Mamedova
National Academy of Sciences Azerbaijan

S M Mamedova is currently working as a professor in Institute of Radiation Problems of Azerbaijan National Academy of Sciences in Azerbaijan.