



**3rd INTERNATIONAL CONFERENCE ON RECENT
ADVANCES IN MATERIAL CHEMISTRY
(ICRAMC-2019)**

13-15 February 2019

Organized by

Department of Chemistry, SRM IST, Kattankulathur-603203, India.

In Association with

Alternative Energies and Atomic Energy Commission (CEA), France



PROGRAM SCHEDULE

DATE : 13.02.2019	
8.30 – 9.00 am	Registration
9.30 – 10.30 am	Inaugural Session
10.30 - 10.45 am	Tea Break
Technical Program	
Sessions' Coordinator : Dr. T. Venugopal Bhat , Res. AP, SRMIST	
Session – 1	
Session Chair	Dr. R. Sakthivel , Senior Principal Scientist, Institute of Minerals and Materials Technology, Bhubaneswar, India
Session Co Chair	Dr. Ashok Kumar Sundramoorthy , Res. AP, SRMIST
10.45 - 11.30 am	Invited Talk – 1 Prof. Gilberte Chambaud President of French Chemical Society University of Paris-Est Marne-la-Vallée, Paris, France Topic: Multiscale model of electro-mechanic properties of nanowires: from atoms to device
11.30 – 12.15 pm	Invited Talk – 2 Dr. Eric Doris , Research Director Alternative Energies and Atomic Energy Commission (CEA), France Topic : Nanometric Micelles for Drug Delivery and Catalysis
12.15 - 1.00pm	Oral Presentation
1.00 -2.00 pm	Lunch break
Session 2	
Session Chair	Dr. Aditya Kumar , Associate Professor, Netaji Subhas University of Technology, New Delhi, India
Session Co Chair	Dr. Gopal Chandru Senadi , AP, SRMIST
2.00 – 2.45 pm	Invited Talk – 3 Dr. Chien-Hung Li Department of Medicinal and Applied Chemistry, Kaohsiung Medical University, Taiwan

	Topic: Novel N-heterocyclic Carbenes as Functionalized Ligands for Plasmonic Nanomaterials
2.45 – 3.30 pm	Invited Talk – 4 Dr. Menard-Moyon Cécilia CNRS researcher, Institute of Molecular and Cellular Biology CNRS, University of Strasbourg Topic: Therapeutic applications of functionalized carbon nanotubes and amino acid-based hydrogels
3.30 – 4.15 pm	Invited Talk – 5 Dr. Dipankar Mandal Associate Prof., Institute of Nano Science and Technology (INST), Mohali, India. Topic: Bio-Piezoelectric Nanogenerator for Implantable Devices
4.15 – 5.00 pm	Oral Presentation
5.00 pm	Tea / Poster Presentation
DATE : 14.02.2019	
Session 3	
Session Chair	Dr. Rajendran Kumaran Asst. Prof. DG Vaishnav College, Chennai.
Session Co Chair	Dr. M. Prakash , Res. AP, SRMIST
9.00 – 9.45 am	Invited Talk – 6 Prof. Majdi Hochlaf University of Paris-Est Marne-la-Vallée, Paris, France Topic : Multi-scale <i>ab initio</i> studies of small molecular systems interacting with macromolecular systems: Applications to confinement and solvation
9.45 – 10.30 am	Invited Talk – 7 Dr. Guillaume Maurin Charles Gerhardt Institute, University, Montpellier, France Topic: Computational-guided discovery of MOFs for energy and environmental-related application
10.30 - 10.45am	Tea Break
10.45 -11.30 am	Invited Talk – 8 Dr. Ravichandar Babarao RMIT, School of Science, Melbourne, Australia, Topic: Porous Materials for Energy and Environmental Applications: From Modeling to Mass Production

11.30 am -12.15 pm	Invited Talk – 9 Prof. Chien-Hsiang Chang Department of Chemical Engineering National Cheng Kung University, Taiwan Topic: Vesicle formation of ion pair amphiphiles with additives
12.15 - 1.00 pm	Oral presentation
1.00 -2.00 pm	Lunch break
Session 4	
Session Chair	Dr. Basavaraj Talikoti Associate Professor, Pillai College of Engineering, Navi Mumbai, India
Session Co Chair	Dr. T. Maiyalagan , Res. Assoc. Prof., SRMIST
2.00 – 2.45 pm	Invited Talk – 10 Dr. Soorathep Kheawhom Faculty of Engineering, Chulalongkorn University, Thailand Topic: Challenging issues in Al-air and Zn-air dual electrolyte flow batteries
2.45 – 3.30 pm	Invited Talk – 11 Prof. Sundaram Gunasekaran, Director, CALS Global Departments of Biological Systems Engineering and Materials Science & Engineering University of Wisconsin-Madison, USA Topic: Immunochemical Detection of Circulating Tumor Cells
3.30 – 4.15 pm	Oral Presentation
4.15 pm	Tea / Poster presentation
DATE : 15.02.2019	
Session – 5	
Session Chair	Dr. Pramendra Kumar Bajpai Netaji Subhas University of Technology, New Delhi, India
Session Co Chair	Dr. S M. Mahalingam , Assoc. Prof., SRMIST
9.00 – 9.45 am	Invited Talk – 12 Prof. Alain Wagner Director of Biofunctional Chemistry Lab CNRS, University of Strasbourg, France Topic: Chemical Fusion: Toward controlled protein assembly
9.45 – 10.30 am	Invited Talk – 13 Prof. Li-Fang Wang

	Dean, College of life science Kaohsiung Medical University, Taiwan Topic: Chondroitin Sulfate-Modified Polymers for Drug Delivery
10.30 - 10.45 am	Tea Break
10.45 -11.30 am	Invited Talk – 14 Dr. Jean Christophe Cintrat Head of Laboratory of Bioorganic Chemistry Alternative Energies and Atomic Energy Commission (CEA),France Topic: Peptides nanotubes : from self-assembly to applications
11.30 am –12.15 pm	Oral Presentation
12.15 -1.00 pm	Poster Presentation
1.00 – 2.00 pm	Lunch break
2.00 -2.45 pm	Invited Talk – 15 Dr. Dilek Çökeliler Serdaroğlu Assoc. Prof. Department of Biomedical Engineering, Başkent University, Ankara, Turkey Topic: Performance improvement strategies of chemical sensors with biomedical and nano engineering perspectives
2.45 – 3.30 pm	Invited Talk – 16 Dr. Sallustrau Antoine CDI, Engineer-Researcher Alternative Energies and Atomic Energy Commission (CEA), France Topic : ^{14}C-radiolabeling CNT and Graphene Related Materials for toxicological studies
3.30 – 4.30 pm	Valedictory Session
4.30pm	Tea