

Program Schedule for Scientific Session (presentation) for ICMSC 21

Time: 12:00PM-20:00PM (UTC+06:00 Dhaka), 21 August 2021



Venue: WMSRC, Jahangirnagar University, Bangladesh

Session 1: 12:00-16:30 pm (Local Time)

Session 2: 17:00-20:00 pm (Local Time)

	Session 1	Session 1	Session 1
	Prof. C. Janiak Institute for Inorganic Chemistry & Structural Chemistry Heinrich-Heine-University Düsseldorf, Germany http://www.janiak.hhu.de	Metal-organic frameworks, (MOFs) for water sorption for cycling heat transformation processes.	Time: 12:00-12:35 pm (LT), (8:00–8:35 am, German Time)
	Prof. Tooru Tanaka Department of Electrical and Electronic Engineering Saga University Saga, Japan. http://www.sc.ec.saga-u.ac.jp/en/	Intermediate band solar cells based on highly-mismatched ZnTeO alloy semiconductors.	Time: 12:40-13:15 pm (LT), (15:40 – 16:15 pm, Japan Time)
	Prof. M. Enamullah Department of Chemistry, Jahangirnagar University Dhaka, Bangladesh.	Diastereoselection and Δ/Λ -chirality induction-at-metal in non-planar four coordinated metal- <i>chiral</i> Schiff base complexes: A quantum chemical approach.	Time: 13:20-13:45 pm (LT)
	Prof. Wen-Hua Sun Institute of Chemistry, Chinese Academy of Science, Beijing, China http://whsun.iccas.ac.cn	Efficiently Tailoring Polyethylenes using Late Transition Metal Precatalysts.	Time: 13:50-14:25 pm (LT), (15:50 – 16:25 pm, Beijing Time)
	Prof. Md. Nasir Uddin Department of Chemistry University of Chittagong Chittagong, Bangladesh.	Synthesis, Characterization of new 2'-hydroxychalcone derivatives and <i>in silico</i> prediction as potential SARS-CoV-2 inhibitor.	Time: 14:30-14:55 pm (LT)
	Naima Thahsin Department of Biotechnology and Genetic Engineering, Jahangirnagar University, Dhaka, Bangladesh	Homology modeling and molecular docking of a novel glycosylated analog of human erythropoietin.	Time: 15:00-15:15 pm (LT)
	Dr. Mohammad Z. Islam Asso. Professor, Department of Biotechnology and Genetic Engineering, Jahangirnagar University, Bangladesh.	<i>In silico</i> study of arsenate reductase enzyme of <i>Bacillus megaterium</i> .	Time: 15:15-15:35 pm (LT)

	Shirazum Munira Department of chemistry Jagannath University, Dhaka-1100	Interaction of different conducting organic polymers (COPs) towards cyanogen halides as gas sensors: density function theory (DFT) study.	Time: 15:35-15:45 pm (LT)
	Prof. J. Müller Institut für Anorganische und Analytische Chemie Westfälische Wilhelms-Universität (WWU) Münster, Germany; www.muellerlab.org	DNA with metal-mediated base pair.	Time: 15:45-16:20 pm (LT), (11:45am–12:20 pm, German Time)
	Mohammad Khairul Islam Department of Chemistry, Jahangirnagar University, Bangladesh.	Pseudotetrahedral <i>bis</i> [(<i>S</i> or <i>R</i>)-N-1-(Ar)ethyl-salicylaldiminato- κ^2 N,O]- Δ/Λ -Mn(II): Computational approach towards PXRD structural analyses.	Time: 16:20-16:30 pm (LT)
	Session -2	Session -2	Session 2
	Prof. AKM. Royhan Uddin Department of Chemistry, Cumilla University, Cumilla, Bangladesh.	A review of ZnO nanoparticles against SARS-CoV-2 virus and other viral infection with computational study.	Time: 17:00-17:20 pm (LT)
	Dr. J. K. Saha Asso. Professor, Department of Chemistry, Jagannath University, Dhaka, Bangladesh.	The binding mechanism of ivermectin and levosalbutamol with spike protein of SARS-CoV-2.	Time: 17:20-17:40 pm (LT)
	Mohammad M. Hoque Asso. Professor, Department of Chemistry City College, Dhaka, Bangladesh.	DFT studies on electronic structure, thermochemistry, and reaction mechanism onto the synthesis of dihydrobenzofuran and spiro [2.5] oct-1-ene derivatives.	Time: 17:40-17:55 pm (LT)
	Dr. Mohammad Abdul Matin Senior Scientist, Center for Advance Research in Sciences (CAES), University of Dhaka.	The effects of oxidation states and spin states of chromium interaction with <i>Sargassum</i> Sp: A Spectroscopic and Density Functional Theoretical Study.	Time: 17:55-18:10 pm (LT)
	Prof. W. A. Houry Department of Biochemistry, Faculty of Medicine and Department of Chemistry, Faculty of Arts and Science, University of Toronto, Canada. http://lab.walidhoury.com	Development of novel antibiotics that dysregulate the ClpP protease	Time: 18:10-18:45 pm (LT), (8:10-8:45 am, Toronto Time)
	Md. Kamrul Hossain Assistant Professor Department of Chemistry University of Chittagong, Chittagong Bangladesh	Preparation and characterization of Titanium dioxide (TiO ₂), Ag-doped and Cr-doped TiO ₂ nanoparticles.	Time: 18:50-19:05 pm (LT)

	Asso. Prof. D. E. Herbert Department of Chemistry, University of Manitoba Manitoba, Canada. http://home.cc.umanitoba.ca/~dherbert/	Benzannulated Aromatic <i>N</i> -Heterocycles and their Coordination Complexes	Time: 19:05-19:40 pm (LT), (9:05-9:40 am, Toronto Time)
	Farjana Rahman Department of Chemistry, Comilla University, Bangladesh.	A review of ZnO nanoparticles against SARS-CoV-2 virus and other viral infection with computational study.	Time: 19:45-19:55 pm (LT)
	Cloosing speech	Cloosing speech	19:55-20:00 pm (LT)