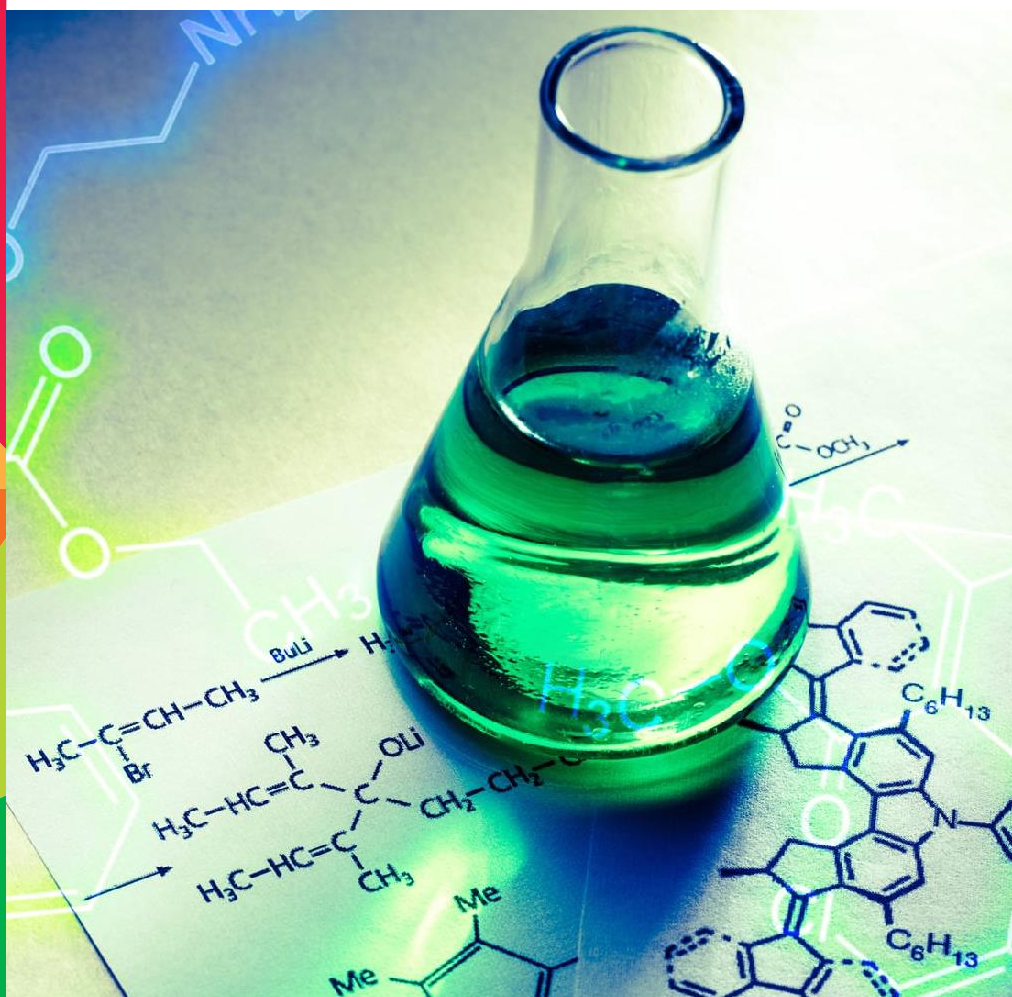


# Scientific Program

## 8<sup>th</sup> International Conference on Physical and Theoretical Chemistry

September 13, 2021 | Webinar



\*\*\*Sessions will be hosted in GMT+1 (UK Timings)\*\*\*

## Opening Ceremony

12:55-13:00 Introduction

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**Sessions:** Theoretical and Computational Chemistry | Physical Chemistry of Macromolecules | Chemical Physics | Chemical Kinetics | Surface Science | Spectroscopy | Photochemistry | Quantum Chemistry | Solid-state Chemistry | Biophysical Chemistry | Electrochemistry | Organometallic Chemistry | Thermochemistry | Femtochemistry.

**13:00-13:20** **Title:** Mid-IR spectrometer detection for volatile organic compound identification

Jianxiong Zhu, Southeast University, China

**13:20-13:40** **Title:** Ultrasonic assisted application of organoclay as a sorbent for treatment of textile wastewater

Basem Mohammed Al-Sakkaf, University of Engineering and Technology Taxila, Pakistan

**13:40-14:00** **Title:** Exemplifying use of high accuracy quantum chemistry methods for protein ligand interaction

Michael Edmund Beck, Bayer CropScience AG, Germany

**14:00-14:20** **Title:** Using molecular dynamics simulation to study hydrogen bond in 1-n-Alkyl-3-methylimidazolium tris(pentafluoroethyl) trifluorophosphate ionic liquids

K.Gholizadeh Atania, University of Mazandaran, Iran

**14:20-14:40** **Title:** The Mineralogical system: Behavior of important physical properties

Milan Rieder, VŠB - Technical University Ostrava (Ret.), Czech Republic

**14:40-15:00** **Title:** Effect of exposure to ionhalation of selected petroleum products on liver function of male albino rats: A comparative study

Chinedu Imo, Federal University Wukari, Nigeria

**15:00-15:20** **Title:** Complete resolution of Kepler's third Law and problem of determination of powers of 2 as sum of two lucas numbers

Pagdame Tiebekabe, University of Kara, Togo

**15:20-15:40** **Title:** Heterocyclic metal complexes of thiophene based compound as electroactive material in membrane sensor development

Chandra Mohan, K R Mangalam University, India



15:40-16:00

**Title: Screen printed films based on copper oxides for pH sensing applications**

Kiranmai Uppuluri, Lukaszewicz Research Network - Institute of Microelectronics and Photonics, Poland

16:00-16:20

**Title: Excited state, non-adiabatic dynamics of large photoswitchable molecules using a chemically transferable machine learning potential**

Simon Axelrod, Harvard University, USA

16:20-16:40

**Title: Numerical study on the filling temperature variation in high pressure storage tank**

Ji-Qiang Li, Hoseo University, Korea

**Closing Ceremony**