

DAY - 1

WEDNESDAY, OCTOBER 09, 2019

CONFERENCE HALL- PRIMO PIANO

08:30-08:45 REGISTRATIONS

08:45-09:00 OPENING CEREMONY

PLEANARY SESSION

09:00-09:45

Andrey Dmitriev



Ural Federal University, Russia

Title: Physicochemical bases of pyrometallurgical processing of titanomagnetite ores

09:45-10:30

Hidetoshi Fujii



Osaka University, Japan

Title: Linear friction welding of 100% joint efficiency

NETWORKING & REFRESHMENT BREAK 10:30-10:50 @ BREAKOUT AREA

10:50-11:30

Imre Klebovich



Semmelweis University, Hungary

Title: Radiochromatography in the pharmacokinetic and metabolism studies of drugs

11:30-12:10

Subodh Kumar



Indian Institute of Science, India

Title: Development of light alloys and composites for aerospace and automotive applications

12:10-12:50

Malay Kumar Banerjee



Malaviya National Institute of Technology, India

Title: Correlating structure and properties of emerging thermoelectric materials

LUNCH BREAK 12:50-13:40 @ LA MODE RESTAURANT

Tariq Mahmud

13:40-14:20
University of Leeds, United Kingdom

Title: Modelling of spray drying processes for synthesis of particulate products

ORAL PRESENTATIONS

SESSIONS: Biochemistry | Chemical Engineering | Analytical & Bioanalytical Chemistry
Environmental Chemistry | Materials Chemistry | Energy Engineering

Session Chair: **Andrey Dmitriev**, Ural Federal University, Russia

Session Chair: **Subodh Kumar**, Indian Institute of Science, India

Wilma G. Ticona Chambi

14:20-14:50
Universidad Mayor de San Andrés, Bolivia

Title: Structural characterization of Bolivia's Clays for application as traditional medicine

Viviana Maffeis

14:50-15:20
University of Basel, Switzerland

Title: ROS-probes for life-cell imaging of the metabolic activity of immune cells

MD Salim Miah

15:20-15:50
Military Technological College, Oman

Title: CFD analysis of the non-Newtonian film flow on a rotating disc

NETWORKING & REFRESHMENT BREAK 15-50-16:10 @ BREAKOUT AREA

Antonio Mateo

16:10-16:40
Abu Dhabi Polytechnic, UAE

Title: Mind set and strategies of chemical engineers facing colossal challenges in the 21st century

Abhijit Shankar Jadhav

16:40-17:10
AISSMS College of Engineering, India

Title: Activated carbon from lignocellulosic waste of arecanut shell: Estimation of feret's diameter

Magar Subhash

Pravara Rural Engineering College, India

17:10-17:40

Title: Synthesis and preparation of green catalyst for production of new oxy-fuel via esterification of glycerol with acetic acid: Sustainable material

Hossam Jalal

Damascus University, Syria

17:40-18:10

Title: Effect of electrolyte composition in the growth and porosity of the anodic oxide

DAY - 2

THURSDAY, OCTOBER 10, 2019

CONFERENCE HALL- PRIMO PIANO

KEYNOTE SESSION

09:30-10:10

Andrey Dmitriev

Ural Federal University, Russia



Title: The physical and chemical properties and processing of agglomerates and pellets with the various content of titanium dioxide

10:10-10:50

Alexander Buzynin

Russian Academy of Sciences, Russia



Title: New green ways of creating SI and III-V solar cells and electronics devices

NETWORKING & REFRESHMENT BREAK 10:50-11:10 @ BREAKOUT AREA

Amar Patnaik

Malaviya National Institute of Technology, India

11:10-11:50

Title: Experimental and computational tribo-performance assessment of granite powder-filled glass-epoxy composites

Govind Sharan Dangayach

Malaviya National Institute of Technology, India

11:50-12:30

Title: Experimental investigation of turning of AISI 304 stainless steel using green fluids

Makkhan Lal Meena

12:30-13:10 Malaviya National Institute of Technology, India

Title: Analysis of three body abrasive wear performance of glass fiber reinforced epoxy composite using taguchi approach

LUNCH BREAK 13:10-14:00 @ LA MODE RESTAURANT

ORAL PRESENTATIONS

SESSIONS: Metallurgy and Materials Science | Materials in Industry | Nanomaterials and Nanotechnology

Session Chair: **Andrey Dmitriev**, Ural Federal University, Russia

Grzegorz Kolaszczynski & Ewa Klimiec

14:00-14:30 Institute of Electron Technology, Poland

Title: Obtaining and application of inexpensive composite PP-PE piezopolymers for harvesting of the energy from human movement and implementation of the PVDF piezopolymers in medical devices developed by ITE

Mohamed Eissa Moussa

14:30-15:00 Central Metallurgical Research and Development Institute, Egypt

Title: Effect of Y2O3 addition on microstructure and tensile properties of AZ92 magnesium alloy

Youssef Naimi

15:00-15:30 University of Hassan II Casablanca, Morocco

Title: Water electrolysis for production of Hydrogen: Future energy carrier

NETWORKING & REFRESHMENT BREAK 15:30-15:50 @ BREAKOUT AREA

POSTER SESSIONS- 15:50-16:10 @ BREAKOUT AREA

Najla Al Masoud

Poster 1 Princess Nora University, Saudi Arabia

Title: Optimisation of experimental conditions for the detection of lipid mixtures using MALDI-TOF-MS and FFD

Taghrid Alomar

Poster 2 Princess Nora University, Saudi Arabia

Title: Development of multi-component organic systems through transformation of shape-structure relationships

Ismail Althagafi

Poster 3

Umm Al Qura University, Saudi Arabia

Title: Characterization of new PT(IV)-thiazole complexes: Analytical, spectral, molecular modeling and molecular docking studies and applications in two opposing pathways

Shoruq Altayeb Fateel

Poster 4

King Abdulaziz University, Saudi Arabia

Title: Application of palm tree fiber activated carbon for remediation of dyes from waste water

AWARDS & CLOSING CEREMONY

BOOK MARKS

3rd International

Chemistry and Chemical Engineering Conference

June 18-19, 2020

Berlin, Germany

Email: chemistry@scitechconference.net

Website: chemistry.scitechconference.com

2nd International Conference on

Materials Science and Engineering

June 18-19, 2020

Berlin, Germany

Email: materials@scitechconferences.net

Website: materials.scitechconferences.com