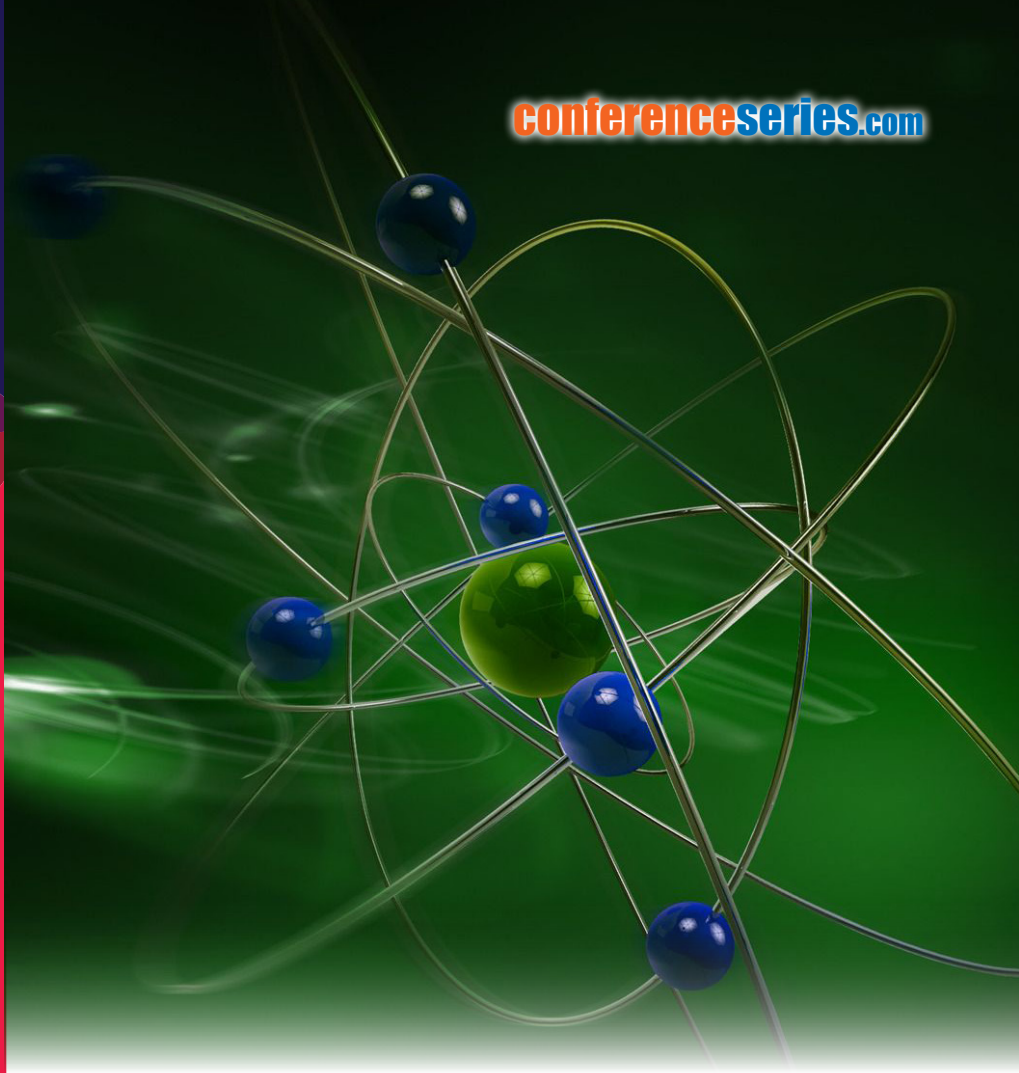


Scientific Program



17th International Conference on
**Emerging Materials
and Nanotechnology**

March 07-08, 2019 | Berlin, Germany

UK: Conference Series LLC Ltd
47 Churchfield Road, London, W3 6AY
Toll Free: +0-800-014-8923

DAY-1

March 07, 2019

Meeting Hall: **Von Zeiten**

09:00-09:30 Registrations

Opening Ceremony **09:30-09:45**

KEYNOTE FORUM

09:45-10:00 Introduction

10:00-10:40 **Title: Ceria-stabilized zirconia-based composites as an alternative to titanium and yttria-stabilized zirconia in the dental field**
H. Reveron, CNRS, France

Group Photo and Networking & Refreshments 10:40-11:00 @ Foyer

11:00-11:40 **Title: Polymer materials with ability to remove pollutants from aqueous medium**
Bernabé L Rivas, University of Concepción, Chile

Sessions: Nanotechnology in Materials Science | Materials Characterization and Applications | Surface Science and Engineering | Material Science and Engineering | Catalysis and Energy Materials | Electrical, Optical, Magnetic Materials | Advanced Materials

Chair: J Hassan, Khalifa University, United Arab Emirates

Co-Chair: Supriya Sarkar, Tata Steel Ltd., India

INTRODUCTION

11:40-12:10 **Title: Study of water dynamics inside carbon nanotubes using NMR spectroscopy**
J Hassan, Khalifa University, United Arab Emirates

12:10-12:40 **Title: Chemisorbed CO₂ on the Surface of Co-SnO₂, characterization and room temperature gas sensor**
Mohamed A Basyooni, University of Konya Necmettin Erbakan, Turkey

12:40-13:10 **Title: Welded silver nanowires as transparent electrodes in solar cells**
Vuk V Radmilović, University of Belgrade, Serbia

Lunch Break 13:10-14:00 @ Theodor's Restaurant

14:00-14:30 **Title: Radiation damage to Fe-superconductors by 1.5 MeV Ar-beam**
Udayan De, Kendriya Vihar, India

14:30-15:00 **Title: Emerging material from iron ore slime for heavy metal remediation**
Supriya Sarkar, Tata Steel Ltd., India

15:00-15:30 **Title: Hot deformation studies of low alloy steel through thermo-mechanical processing**
Sumeer Kumar Nath, Indian Institute of Technology Roorkee, India

15:30-16:00 **Title:** Toluene assisted synthesis of ZIF-11 and multi-core-shell AgNPs@ZIF-11 composite: as an effective photocatalyst for degradation of industrial pollutants
Mala Nath, Indian Institute of Technology Roorkee, India

Networking & Refreshments 16:00-16:20 @ Foyer

YOUNG RESEARCHERS FORUM

16:20-16:40 **Title:** Process development: Ridge and film formation during high speed stamping of extruded PC-ABS polymer blend
Sebastian Noller, HTW-Berlin, Germany

16:40-17:00 **Title:** Structure, physicochemical, and biological properties of gold-chitosan nanocomposite (CS_Au NPs) coatings deposited on shape memory NiTi alloy
P Jabłoński, AGH University of Science and Technology, Poland

17:00-17:20 **Title:** Experimental investigation of structural and magnetic properties of CoFe_2O_4 nanopowder for permanent magnet application
Brahim Abraime, MASclR, Morocco

17:20-17:40 **Title:** Magnetocaloric investigation in microspheres of 0.95 $(\text{La}_{0.45}\text{Nd}_{0.25}\text{Sr}_{0.3}\text{MnO}_3)/0.05\text{CuO}$ composite materials prepared by spray drying
L Fkhar, Cadi Ayyad University, Morocco

17:40-18:00 **Title:** High specific capacitance and energy density of synthesized graphene oxide based strontium sulfide nanorods for supercapacitor applications
Muhammad Faisal Iqbal, Lahore Garrison University, Pakistan

POSTER PRESENTATIONS @ VON ZEITEN 18:00-18:20

EMC-01 **Title:** Novel synthetic approach to $\text{YbPO}_4:\text{Eu}^{3+}$ and luminescence of light-emitting $\text{YbPO}_4:\text{Eu}^{3+}@\text{SiO}_2$ hybrid nanostructure
Tamara Gavrilović, University of Latvia, Latvia

EMC-02 **Title:** Preclinical safety of topically administered nanostructure lipid carriers (NLC) indicated for wound healing: biodistribution and toxicity studies
C.Vairo, BioPraxis Research AIE, Spain

EMC-03 **Title:** Indium doping effects of CdSe nanocrystalline films for solar cell applications
N.J.Suthan Kissinger, Jubail University College, Kingdom of Saudi Arabia

Panel Discussion

Awards & Closing Ceremony

DAY-2

March 08, 2019

Networking & Lunch 12:30 - 13:30 @Theodor's Restaurant