

Scientific Program

24th International Conference on

Advanced Materials & Nanotechnology

October 21-22, 2019 | Rome, Italy

UK: Conference Series LLC Ltd
47 Churchfield Road, London, W3 6AY
Toll Free: +44-800-014-8923

DAY-1

October 21, 2019

Meeting Hall: **Appia 1+2**

08:30-09:00 Registrations

Opening Ceremony **09:00-09:25**

KEYNOTE FORUM

09:25-09:30 Introduction

09:30-10:10 **Title: Nano-crystalline sandwich of polylactic acid formed in bicomponent fibres**
Xin Ning, Qingdao University, China

10:10-10:50 **Title: Synergism of combustion synthesis, high-energy ball milling and spark plasma sintering for producing advanced materials**
Alexander S Rogachev, Merzhanov Institute of Structural Macrokinetics and Materials Science Russian Academy of Sciences (ISMAN), Russia

GROUP PHOTO (10:50-10:55)

Networking & Refreshments 10:55-11:15 @ Foyer

Sessions: Materials Science & Engineering | Advanced Functional Materials | Advanced Ceramics & Composite Materials | Polymers Science & Engineering | Environmental Green Materials | Advancement in Nanomaterials Science and Nanotechnology

Chair: Xin Ning, Qingdao University, China

Co-Chair: Sergio Granados-Focil, Clark University, USA

INTRODUCTION

11:15-11:45 **Title: Thermo-optically responsive solid-solid phase change materials as passive temperature-controlling building enclosures**
Sergio Granados-Focil, Clark University, USA

11:45-12:15 **Title: Precipitation-strengthened and microlayered bulk copper and molybdenum-based nanocrystalline materials produced by high-speed electron-beam evaporation-condensation in vacuum: Structure and phase composition**
A Manulyk, Synergy ANTECH Services Corp, Canada

12:15-12:45 **Title: Ultra high sensitive gas sensors for hazards gas detection**
Barnali Ghosh (Saha), S N Bose National Centre for Basic Sciences, India

12:45-13:15 **Title: Cellulose acetate/Iron oxide nanocomposites: Synthesis, characterization and environmental applications**
Mónica A Silva, University of Minho, Portugal

Lunch Break 13:15-14:00 @ hotel Restaurants

14:00-14:30 **Title: Protecting BiVO₄ heterojunction photoanode for enhanced solar-driven photoelectrochemical water splitting with the incorporation of rGO interlayer and electrocatalyst thin films**
Meng Nan Chong, Monash University, Malaysia

14:30-15:00 **Title: Influence of copper species on anti-biofouling and desalination performance of copper-modified thin-film composite reverse osmosis membranes**
Andreina García, Advanced Mining Technology Center (AMTC), Chile

15:00-15:30 **Title: Artificial calacatta marble**
Arman Altinyay, Peker Yuzey Tasarimlari A S (Belenco Quartz Surfaces), Turkey

15:30-16:00 **Title: Adsorption of arsenic in water using a material based on modified diatomite**
Manuel Ch Ruiz, National Institute of Health, Peru

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

16:20-16:50 **Title: Hybrid mesoporous silica-polymer composites as solid electrolytes for lithium-ion batteries**
Sergio Granados-Focil, Clark University, USA

16:50-17:20 **Title: Fast biodegradable bone cement microspheres based on α -tricalcium phosphate/mesoporous nanobioglass formulations**
Ahmed El-Fiqi, Dankook University, South Korea

POSTER PRESENTATIONS @ FOYER 17:20-17:50 @FOYER

DAY-2

October 22, 2019

Networking & Lunch 12:30-13:30 @ hotel Restaurants

Awards & Closing Ceremony

Bookmark your Dates

25th International Conference on

Advanced Materials & Nanotechnology

October 12-13, 2020 London, UK

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Website: europe.materialsconferences.com