

Proceedings of

**20th International Conference and Exhibition on
Materials Science and Engineering**
September 16-17, 2019 Amsterdam, Netherlands



Conference Series LLC Ltd

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Scientific Program



Day 1, September 16, 2019

09:30-09:50 Registrations

09:50-10:00

Opening Ceremony

Introduction

Keynote Session

10:00-10:40

Title: Structure control and thermal performance of polyphthalamide with different molecular architecture

Hong Yin, Zhejiang University, China

Session Introduction

Sessions: Material Science and Engineering | Advanced Materials | Ceramics and Composite Materials | Metals and Metallurgy | Bio Materials and Medical Devices | Polymer Science and Technology | Materials Chemistry | Smart Materials

10:40-11:10

Title: Use of flexible resin to increase flexibility on quartz surfaces including high amount of quartz

Nurcan Topcu, Celal Bayar University, Turkey

Group Photo and Refreshments Break @ 11:10-11:30

11:30-12:00

Title: UHPC and its diffusion properties

Sarka Nenadalove, Czech Technical University, Czech Republic

12:00-12:30

Title: Application of modified cashew nut shell liquid as curing agent in natural rubber vulcanization

Anoma Thitithammawong, Prince of Songkla University, Thailand

12:30-13:00

Title: Studies on the effect of hybrid reinforcement of Graphene – CNTS on the aluminum matrix composites prepared by powder metallurgy

Omayma A. Elkady, Cairo University, Egypt

Lunch Break @ Restaurant 13:00-14:00

14:00-14:30

Title: Coaxial electrospinning of PEO/PCL nanofibers containing Medicago Sativa extract for wound healing applications

Elnaz Tamjid, Tarbiat Modares University, Iran

14:30-15:00

Title: The analysis of fouling mechanism during ultrafiltration of laundry wastewater using composite membrane

Anwar Maruf, Diponegoro University Indonesia, Indonesia

Networking & Refreshments @ Break 15:00-15:20

15:20-15:50 **Title: Identifying traits for improved nitrogen-use efficiency in wheat**
Shadia Kareem, The University of Nottingham, UK

15:50-16:20 **Title: Thermal investigation of phase change materials based on LLDPE, paraffin wax and expanded graphite**

Mustapha Karkri, Universite Paris Est, France

Poster Presentation

EMSE 01 **Title: Molecular markers ssr and physiological traits associated with drought tolerance in population of Durum wheat**

Chafia Larouk, Universite of Constantine Mentouri, Algeria

Panel Discussion

Awards & Closing Ceremony

End of Day 1

Day 2 (September 17, 2019)

Networking & Penal Discussion

Lunch Break @ Restaurant