

*Scientific Program*

24<sup>th</sup> World Congress on

**Nanomaterials and Nanotechnology**

July 12-13, 2018 Bangkok, Thailand



Conference Series

Conference Series Ilc LTD  
47 Churchfield road, London W3 6AY, UK

Day 1 July 12, 2018

09:00-09:15 Registrations

Pailin 2

conferenceseries.com 09:15-09:30 Opening Ceremony

### Keynote Forum

- 09:30-10:15 **Title: Superconducting Cobalt in Nanoscale Cobalt Thin Films**  
Bhupendra N. Dev, Indian Institute of Technology, Kharagpur, India
- 10:15-11:00 **Title: Unique interface layer to tailor the crystallographic orientation, surface morphology and carrier transport of highly n-type-doped ZnO polycrystalline films on glass substrates**  
Tetsuya Yamamoto, Kochi University Of Technology, Kochi, Japan

Group Photo

Networking & Refreshments Break: 11:00-11:15

- 11:15-12:00 **Title: Waterloo Institute for Nanotechnology (WIN): Solving global challenges by bridging across the length scales**  
Sushanta K. Mitra, University of Waterloo, CANADA

Session: Advanced Nanomaterials | Nanotechnology in Energy | Nanotechnology in Materials science | Nanomedicine and Bionanotechnology | Applications of Nanotechnology | Nano medical devices

Session Introduction

Session Chair: Tetsuya Yamamoto, Kochi University Of Technology, Kochi, Japan

- 12:00-12:30 **Title: Fabrication of ternary nanocomposite material and its potential applications**  
Rani Bushra, Mahidol University, Bangkok, Thailand
- 12:30-13:00 **Title: Enhanced Adsorption and Photocatalytic Performance of ZnO/MIL-101(Fe) Under UV and visible light irradiation**  
Rasha S. Mohamed, Egyptian Petroleum Research Institute, Egypt

Lunch Break: 13:00-14:00

- 14:00-14:30 **Title: Conductive and transparent bacterial cellulose/silver nanowire films for application in photovoltaic devices**  
Denisha Gounden, University of Kwa-Zulu Natal, South Africa
- 14:30-15:00 **Title: Photocatalytic Hydrogen Production via Water Splitting using Ordered Mesoporous Catalysts**  
Rasha S. Mohamed, Egyptian Petroleum Research Institute, Egypt

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

### Poster Presentations 15:15-16:30

- NNC001 **Title: Use of Guar Gum Nanoparticle as a Therapeutic Agent in Peritonitis**  
Shinjini Mitra, University of Calcutta, India
- NNC002 **Title: Strain-induced crystallization of natural rubber: Effect of proteins and phospholipids**  
Suratwadee Sriwarom, Mahidol University, Thailand
- NNC003 **Title: Preparation of TiO<sub>2</sub> film as nanocatalyst for Functionalization of Styrene-Butadiene Rubber**  
Kanpitcha Amornjarasak, Mahidol University, Thailand
- NNC004 **Title: Preparation of functionalized low molecular-weight natural rubber latex by photochemical degradation using TiO<sub>2</sub> film coated on glass bead as a photocatalyst**  
Warissara Suttibut, Mahidol University, Thailand
- NNC005 **Title: Effect of Particle Sizes on Film Formation Behavior of Hevea brasiliensis Natural Rubber Latex**  
Pitipong Kongsut, Mahidol University, Thailand
- NNC006 **Title: Modification of Non-woven composite Yarn Produced from Polypropylene-Macca Carbon as nanofiller**  
Sujaree Surakhai, Mahidol University, Thailand

Award Ceremony

B2B Meetings & Panel Discussions

Day 2 July 13, 2018

Networking & Lunch