

## 2017 EMN Phuket Meeting

<b>Tuesday, November 7</b>		
<b>9:30-11:00</b> <b>15:00-17:00</b>	<b>Onsite Registration &amp; Sign up</b>	
<b>Wednesday, November 8</b> <b>Room A (Taksina 3)</b>		
08:55-09:00	Opening	
<b>Session: Novel Materials and Methods for Integrated Design      Chair: Xuanjun Zhang</b>		
09:00-09:30	A01: Designing multi-functional construction materials requires a circular road from system to materials	<b>David Yarbrough</b> R&D Services, Inc., USA
09:30-09:55	A02: Non-Coulombic Ionic Crystals with Non-Alternate Arrangement of Complex Cations and Inorganic Anions	<b>Takumi Konno</b> Osaka University, Japan
09:55-10:20	A03: New tool in the development of cathode materials for Li-ion and Na-ion batteries	<b>Janina Molenda</b> AGH University of Science and Technology, Poland
10:20-10:45	Session Break	
<b>Session: General      Chair: David Yarbrough</b>		
10:45-11:10	A04: Triangular pores and pillars of semiconductors prepared by anisotropic chemical etching	<b>Sachiko Ono</b> Kogakuin University, Hachioji, Japan
11:10-11:35	A05: The Research and Application of Black Silicon on Optoelectronic Detectors	<b>Jian Lv</b> University of Electronic Science and Technology of China, China
11:35-12:00	A06: Color and Optical Absorbance Properties of Aluminate Spinels : An Investigation for Pigment Application	<b>Bhuvanewari Gopal</b> VIT University, India
12:10	Lunch Break	

**Wednesday, November 8  
Room A (Taksina 3)**

**Session: Lightweight Metallic Alloys      Chair: Jian Lv**

14:00 -14:25	A07: Ultra-strong Ni-Au alloy nanowire	<b>In-suk Choi</b> Korea Institute of Science and Technology, Korea
14:25-14:50	A08: Controlling nickel silicide nanostructure in large scale integration	<b>Futase Takuya</b> SanDisk Limited, Japan
14:50-15:15	A09:      Energy-Transfer      Metal-Organic Nanosensors	<b>Xuanjun Zhang</b> University of Macau, Macau
15:15-15:40	A10: Design of large transition temperature range and low field entropy change using isostructural alloying in MnNiSi system	<b>Hongguo Zhang</b> Beijing University of Technology, China
15:40-16:05	A11: Laser Alloyed Metallic Coatings For High Temperature Structures	<b>Monnamme Tlotleng</b> Council for Scientific and Industrial Research, South Africa
16:05-16:50	Poster Session & Session Break	
17:30	Dinner Social	

<b>Poster Session</b> <b>Wednesday, November 8 16:05-16:50PM</b> <b>Chair: In-suk Choi</b>		
P01	Color tuning of new cyanovinyl substituted phenothiazine based sensitizers for dye-sensitized solar cells	<b>Yung-Chung Chen</b> National Kaohsiung University of Applied Sciences, Taiwan
P02	Graphene-CNT Hybrid Nano Materials for Fast chargeable Anode as Energy storage device	<b>Jun Ho Song</b> Korea Electronics Technology Institute, Korea
P03	Fabrication of microbial battery with carbon nanomaterials for high efficient organic field effect transistor	<b>Eunju Lim</b> Dankook University, Korea
P04	XAS-XES studies of Fe environment in cathode materials for Na-ion and Li-ion batteries	<b>Dominika Baster</b> AGH University of Science and Technology, Poland
P05	Simple and facile synthesis of 3D composites of B-doped graphene quantum dots decorated/graphene for trifunctional electrocatalyst	<b>Won Mook Choi</b> University of Ulsan, Korea
P06	3D tungsten-doped MoS <sub>2</sub> nanostructure: A low-cost, facile prepared catalyst for hydrogen evolution reaction	<b>Zhaoyang Li</b> Tianjin University, China

<b>Thursday, November 9</b>		
<b>One Day Academic Exchange &amp; Excursion</b>		