Accepted Abstracts

In vivo mechanical characterization of human facial skin combining curved surface imaging and indentation techniques
Shibin Wang, Tianjin University, China

Advanced biomedical technologies facilitated by Plasma Polymers
Krasimir Vasilev, University of South Australia

The composition dependence on the phase stability and mechanical properties of the Ti-Nb-Zr thin films
Munkhbayar Baatarsukh, Gyeongsang National University, South Korea

E-BABE: Analysis and Optimization of Kinematics of Stereoscopic Stone carving Robot system
Yiqing Yu, Huaqiao University, China

Cancer Cell Surface Negative Charges: A Bio-Electrical Manifestation of the Warburg effect
Donglu Shi, University of Cincinnati, USA

Band-edge emission from AgInS2 semiconductor nanoparticles by the surface passivation with III-VI semiconductors
Taro Uematsu, Osaka University, Japan

Novel Processing of Synthesis Carbon Nanotube on Biomorphic Materials for Filter Applications
Ik Jin Kim, Hanseo University, South Korea

Quantitative Understanding of the anomalous behaviors of short Fatigue Crack Growth
Tongguang Zhai, Dongguan University of Technology, China

"Force chain network analysis of granular material based on community detection method"
Luming Cha, China University of Petroleum, China

Ferromagnetism and spintronic devices based on van der Waals heterostructures
Lan Wang, RMIT University, Australia

Optimizing mechanical performance of biomimetic PE/TiO2 nanolayered composites by tailoring thickness ratio
Guang-Ping Zhang, Chinese Academy of Sciences, China

Can we understand time through scattering in low dimensions?
P. Singha Deo, S. N. Bose National Centre for Basic Sciences, India

Mechanism of adherence of Ceramics in its Elaboration than Confer Properties of Mechanical Strength
Roberto A. Rojas Holden, National University of Asuncion, Paraguay

E-Proton-conducting composite membrane based on PVP-doped triammoniumphosphate and their structural studies
T. Uma, Alagappa University, India
The Experimental Modelling vs. Numerical Simulation of $(\gamma + \alpha_2)$-TiAl$/\text{Al}_2\text{O}_3$ Ceramic-Metal Nanocomposites
B. Amirian, The University of Alberta, Canada

Development of chitosan composite - mango fiber via ionic gelation
Maria Freitas Nascimento, Estrada Governador Chagas Freitas, Brazil

Investigation on microstructure and prediction of hardness of stir cast LM13 aluminium alloy - copper coated short steel fiber reinforced composites using response surface methodology
Samson Jerold Samuel Chelladurai, Sri Krishna College of Engineering and Technology, India.

Hybrids polymers materials and magnetic for construction of a toxic gas sensor.
Thuanny M. de Almeida, Federal University of Rio de Janeiro, Brazil

L-Alanine induced Thermally Stable Self-Healing Guar gum hydrogel as Potential Drug Vehicle for Sustained Release of Hydrophilic Drug
Swati Sharma, Banaras Hindu University, India

Pd-Pt bimetallic catalyst on Polyaniline /Graphene nanocomposites for methanol electrooxidation
Moslem Mansour Lakouraj, University of Mazandaran, Iran

Magnetic Behavior Of ZnO Nanorods Doped With Silver (Ag$^{3+}$) Ions
Sirikanjana Thongmee, Kasetsart University, Thailand

Efficient Design of Perovskite Solar Cells with Two-dimensional (2D) Transition Metal Dichalcogenides (TMDs) as Active Layer
Puteri Nor Fahsyar, Universiti Kebangsaan, Malaysia

Speaker Slots Available
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:30-09:30</td>
<td>Registrations</td>
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<td>09:30-11:30</td>
<td>Keynote Forum</td>
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<td>11:30-11:45</td>
<td>Network &amp; Refreshments Break*</td>
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<td>11:45-13:00</td>
<td>Materials Science and Engineering</td>
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<td>13:00-13:45</td>
<td>Lunch Break**</td>
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<tr>
<td>13:45-16:00</td>
<td>Advanced Materials and Devices</td>
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<td>16:00-16:15</td>
<td>Network &amp; Refreshments Break*</td>
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<td>16:15-18:00</td>
<td>Biomaterials and Healthcare</td>
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Day Concludes

**July 23, 2019**

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<tr>
<th>Time</th>
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<td>Emerging Smart Materials</td>
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<td>Network &amp; Refreshments Break*</td>
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<td>16:15-18:00</td>
<td>Poster Presentations</td>
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Day Concludes

Award Ceremony

Speaker Slots Available
Materials Summit 2019

- Interactive Sessions: 20
- Keynote Lectures: 6+
- Plenary Lectures: 35+
- Workshops: 4+
- Exhibitors: 10+

City Attractions

https://materials.materialsconferences.com/
Melbourne, the capital of Victoria, is the second largest city in Australia. Melbourne’s multicultural atmosphere is set amongst Victorian-era buildings and gorgeous parkland. It has a population of just over 4 million people, and is a picturesque place with so much to offer the visitor and resident alike. There are also many accommodation types to choose from, including apartments, hotels, motels, campsites, bed and breakfasts and hostels. For a listing of hostels in the whole of Victoria visit the Victoria hostel directory. The city centre, also known as the Central Business District (CBD), is on the north bank of the Yarra River. It is approximately 5 kilometres inland from Port Phillip Bay, where most of the pretty suburbs are situated. The city is divided into two parts by the Yarra River, creating predominantly working class areas in the North and West regions, and more affluent areas in the South and the East. The CBD used to be known as the ‘Golden Mile’, as it is 1 mile long and 1/2 mile wide. The heart of the city is marked by Bourke Street Mall which is situated between Swanston Street and Elizabeth Street, running north to south.
**Venue:**
Mercure Albert Park  
65 Queens Road, Melbourne 3004 – Australia  
T. +61 (3) 8554 2820 F. +61 (3) 9510 5795  
Conference Dates: July 22-23, 2019

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