

20

Interactive
Sessions

6+

Keynote
Lectures

35+

Plenary
Lectures

4+

Workshops

10+

Exhibitors

B2B Meetings

TENTATIVE PROGRAM

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35th World Congress on

MATERIALS SCIENCE AND NANOTECHNOLOGY

July 22-23, 2019 | Melbourne, Australia

<https://materials.materialsconferences.com/>

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Accepted Abstracts

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/Al₂O₃ 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 (Ag³⁺) 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

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July 22, 2019

Time Session

08:30-09:30 Registrations

09:30-11:30 Keynote Forum

Group Photo

11:30-11:45 Network & Refreshments Break*

11:45-13:00 Materials Science and Engineering | Nanotechnology in Materials Science

13:00-13:45 Lunch Break**

13:45-16:00 Advanced Materials and Devices | Batteries and Energy Materials

16:00-16:15 Network & Refreshments Break*

16:15-18:00 Biomaterials and Healthcare | Electronic, Optical and Magnetic Materials | Materials for Green Technology

Day Concludes

July 23, 2019

Time Session

08:30-09:30 Registrations

09:30-10:30 Keynote Forum

10:30-11:30 Graphene and 2D Materials | Metals, Mining, Metallurgy and Materials | Ceramics & Composites | Biophysics and Systems Biology | Pharmaceutical & Industrial Coating Materials

11:30-11:45 Network & Refreshments Break*

11:45-13:00 Computational Materials Science | Mechanics, Characterization Techniques and Equipments | Advances in Instrumentation Technology | Nanomaterials and Nanocomposites

13:00-13:45 Lunch Break**

13:45-16:00 Emerging Smart Materials | Physics and Chemistry of Materials | Polymer Science and Technology | Nanomedicine and Biomedical Engineering | Advances in Nano Materials Science

16:00-16:15 Network & Refreshments Break*

16:15-18:00 Poster Presentations

Day Concludes

Award Ceremony

Speaker Slots Available

City Attractions

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About Melbourne

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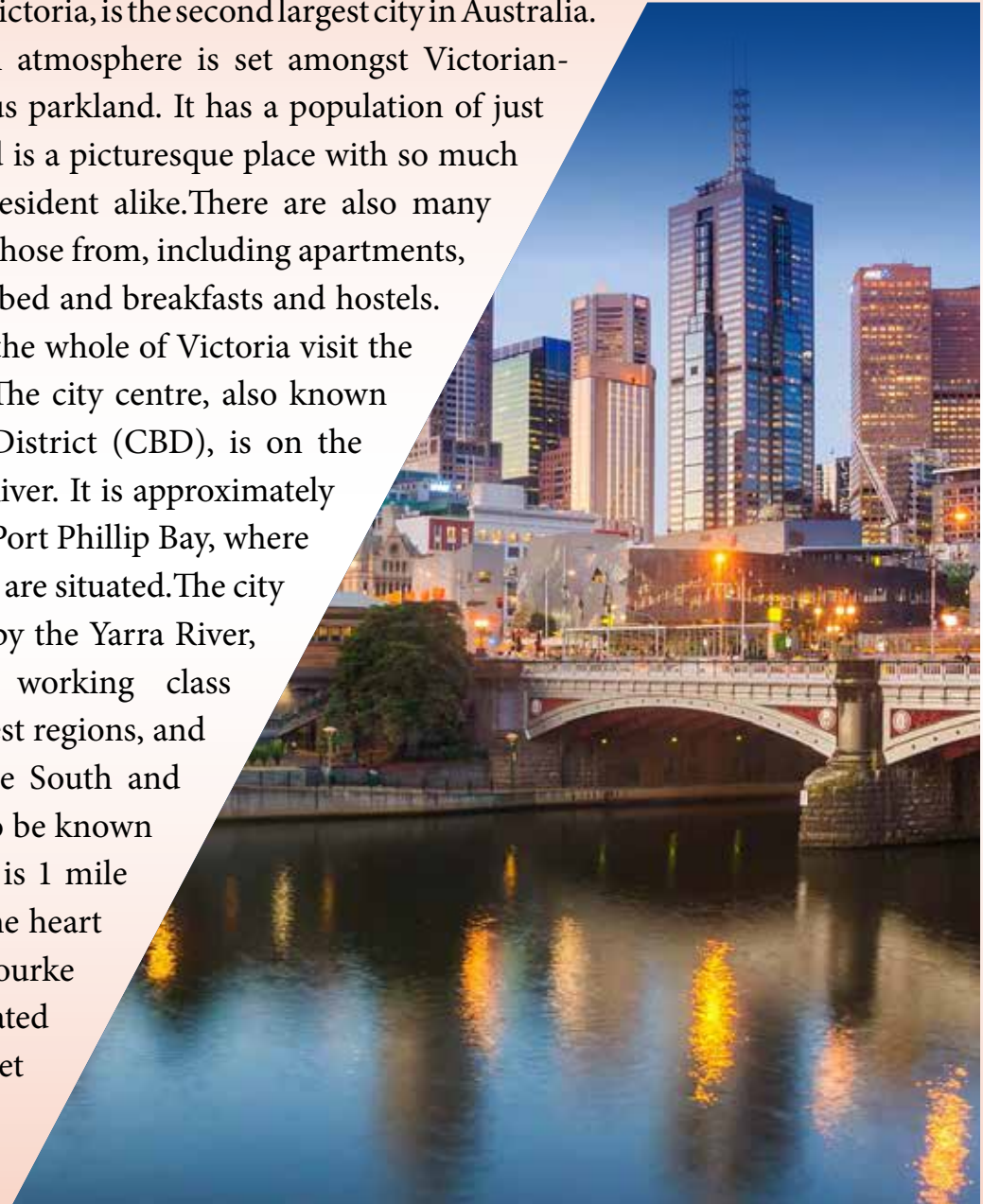
Workshops

10+

Exhibitors

B2B Meetings

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.



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Venue

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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