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Melbourne, Australia | January 16-19, 2019

CONFERENCE ABSTRACTS

**The 11th International Conference on
Computer Modeling and Simulation
(ICCMS 2019)**

Workshop

**The 8th International Conference on
Intelligent Computing and Applications
(ICICA 2019)**

Melbourne, Australia | January 16-19, 2019

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Jasper Hotel

Add.: 489 Elizabeth Street, Melbourne VIC 3000 Australia

<http://www.jasperhotel.com.au/>

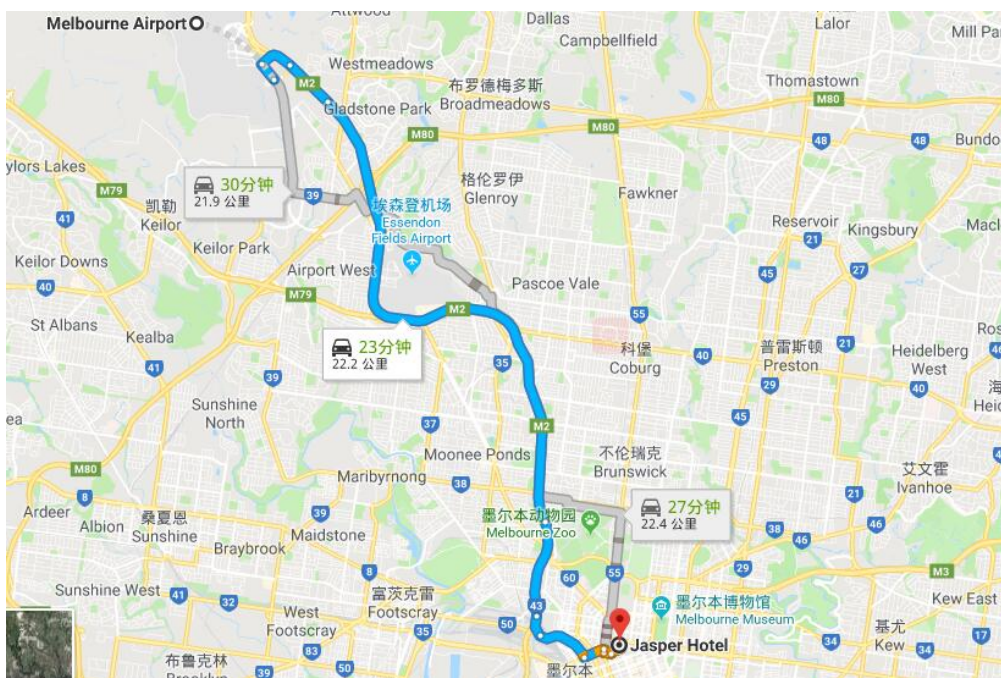
Perfectly located on Elizabeth Street in Melbourne's thriving Market Precinct, the vibrant, newly refurbished Jasper Hotel is a full-service boutique hotel offering 90 contemporary rooms and suites with free Wi-Fi, casual dining options at Jasper Kitchen and extensive conference and meeting facilities.



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Transport



Tram

Several trams reach the city from various north and north-western suburbs including routes 19, 57, 59 and 68 that travel along Elizabeth Street stopping outside Jasper Hotel. Trams on Elizabeth Street connect with most other services from Melbourne's outer suburbs.

Other tram routes within 200 metres of Jasper Hotel are Swanston Street 1, 3, 5, 6, 8, 16, 22, 64, 67, 72 and Latrobe Street 24, 30, 34.

Train

Catch any service into the city centre via the City Loop. Depart at Melbourne Central Station and take the Elizabeth Street exit to the corner of Latrobe and Elizabeth Streets. Walk 200 meters north along Elizabeth Street to Jasper Hotel, located on the left hand side over Franklin Street just before Therry Street.


AGENDA

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< January 16, 2019, Wednesday >

 The Lobby	
10:00-17:00	Onsite Registration & Conference Materials Collection

< January 17, 2019, Thursday > Morning

 Room 1 & Room 2		
09:00-09:10	Opening Remarks	
	Prof. Ghassan Beydoun University of Technology Sydney, Australia	
09:10-9:50	Keynote Speech I	Prof. William Guo Central Queensland University, Australia
		<i>Speech Title: Computational Intelligence for Solving Traveling Salesman Problems: Common Issues on the Research Output</i>
09:50-10:20	Plenary Speech I	Prof. Wernhuar Tarng National Tsing Hua University, Taiwan
		<i>Speech Title: Applications of Virtual Reality and Augmented Reality in Science Education</i>
10:20-10:50	Group Photo & Coffee Break	
10:50-11:30	Keynote Speech II	Prof. Ghassan Beydoun University of Technology Sydney, Australia
		<i>Speech Title: Agent Oriented Analysis in Support of Knowledge Based Interfaces</i>

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11:30-12:00	Plenary Speech II	Assoc. Prof. Kai Qin Swinburne University of Technology, Australia
		<i>Speech Title: Collaborative Learning and Optimisation</i>
12:00-12:20	Invited Speech I	Assoc. Prof. Guolei Tang Dalian University of Technology, China
		<i>Speech Title: Evaluating the Impact of LNG Carriers' Arrivals and Departures on Port Performance Based on Agent-based Simulation</i>



Lunch @Restaurant <12:30-13:30>

< January 17, 2019, Thursday > Afternoon

13:30-15:30	Session I - Computer Modeling and Numerical Analysis: Calculation, Method, Analysis 8 Presentations CA1073, CA1067, CA3049-A, CA1078, CA1010, CA1020, CA3040, CA3016	Meeting Room 1
	Session II - Image Processing 6 presentations CA1042, CA3021, CA3022, CA3036, CA3047, CA1005	Meeting Room 2
	Session III - Communication System Design and Modeling 8 presentations CA1004, CA1043, CA1051, CA1074-A, CA2001, CA3015, CA3019, CA1012	Meeting Room 3
 Coffee Break <15:30---15:45>		
15:45-18:00	Session IV - Data Science and Electronic Information Technology 9 presentations	Meeting Room 1

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	CA1018, CA1044, CA1007, CA1053, CA1076, CA3024, CA3004, CA1060, CA1002	
	Session V - Computer Theory and Application 8 presentations	Meeting Room 2
	CA1054, CA3009, CA3018, CA3033, CA3045, CA1055, CA3048, CA1031	
15:45-18:00	Session VI - Biological System Modeling and Calculation 8 presentations	Meeting Room 3
	CA1029, CA1069-A, CA1052, CA3037, CA3007-A, CA1045-A, CA1061-A, CA1049	



Dinner @Restaurant <18:00- 20:00>

< January 18, 2019, Friday > Morning

09:00-11:15	Session VII - Electromechanical Design and Modeling 9 Presentations	Meeting Room 3
	CA1046, CA1072, CA1065, CA1063, CA1017, CA1068, CA1064, CA1032, CA1013	
	Poster Session	
	CA3030, CA1021, CA1008, CA2004	

< January 18, 2019, Friday > Afternoon

Academic Visit * Participants need to sign up in advance.	
14:00 - 17:00	Swinburne University of Technology

< January 19, 2019, Saturday >

SOCIAL EVENT * Participants need to sign up in advance.	
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**Federation Square → The National Gallery of Victoria → St Paul's Cathedral → Royal Botanic Gardens
Victoria → Sea Life Melbourne Aquarium**

If you are interested in social event please connect with conference secretary before January 3