

SI21 – Registration Form

Name _____

Company _____

Address _____

_____ Postal code _____

Country _____

Tel _____ Fax _____

Email _____

(or attach name card here)

Registration Fees

- | | |
|--|-------|
| <input type="checkbox"/> Full Registration Fee
(includes invitation to dinner) | \$950 |
| <input type="checkbox"/> Bona-Fide Students – Registration Fee
(without dinner) | \$700 |
| <input type="checkbox"/> Publication Fee per paper
(non-attendance authors) | \$400 |

Modes of Payment

1. Telegraphic Transfer

(The payer is responsible for all bank charges incurred)

Account Name: CI-Premier Pte Ltd

Bank Name and Address

Oversea-Chinese Banking Corporation Ltd (North Br),
OCBC Centre, 65 Chulia St, Singapore 049513

Bank/Branch Codes/Account No. (Swift Address)

7339-515-024354-001 (OCBC-SGSG)

Please send us a copy of your bank transfer order.

- #### 2. Credit Cards (VISA & MASTERCARD only) are acceptable.
- Upon registration a payment link will be provided for direct payment.

Cancellation Policy: (only acceptable in writing to the Secretariat)

One week before date of conference: full refund less 25% overhead / administration charges; no refund thereafter, however, a set of the conference documentation will be sent to you, or alternatively you may send a replacement (please advise name) at no extra cost.

SI21-Conference Secretariat

CI-PREMIER PTE LTD

150 Orchard Road #07-14, Orchard Plaza, Singapore 238841

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e-mail: ci-p@cipremier.com website: www.cipremier.com

14th International Conference on

Shock & Impact Loads on Structures

3 – 5 November 2021, Singapore

Conference Advisory Committee

Honorary Chairmen:

- Prof. Nobutaka Ishikawa, National Defense Academy, Japan
- Prof. Hong Hao, Curtin University, Australia

International Scientific Committee Members:

- Prof. Masuhiro Beppu, National Defense Academy, Japan
- Dr. Wensu Chen, Curtin University, Australia
- Prof. James Davidson, Auburn University, USA
- Prof. Zhang Chunwei, Qingdao Univ of Technology, PRC
- Prof. Qin Fang, Nanjing Engrg Institute, China
- Prof. Kazunori Fujikake, National Defense Academy, Japan
- Prof. Thomas Kang, Seoul National University, S. Korea
- Prof. Chan Ghee Koh, National University of Singapore
- Prof. Xibing Li, Central South University, China
- Prof. Alex Remennikov, University of Wollongong, Australia
- Prof. Mark Stewart, The University of Newcastle, Australia
- Prof. Andrew Tyas, University of Sheffield, U.K.
- Prof. Brian Uy, The University of Sydney, Australia
- Bob Sheldon, Defence Academy, Shrivenham, UK
- Prof. Fengming Ren, Guangzhou University, China
- Prof. C.Q. Wu, University of Technology Sydney, Australia
- Prof. Yoshimi Sonoda, Kyushu University, Japan
- Prof. Murat Saatcioglu, University of Ottawa, Canada
- Prof. Hiroshi Masuya, Kanazawa University, Japan
- Mr Kalpesh, KK Retroflex, India

Conference Organising Committee

Chairmen:

- A/Prof (Ret'd) Er. Dr T.S. Lok Protective Security Consultant, Singapore
- Er. Dr C.K. Ang, Prostruct Consulting Pte Ltd (Surbana Jurong Group), Singapore

Committee Members:

- A/Prof. Dr Anand Sharma, National University of Singapore
- Dr Paolo del Linz, Singapore Institute of Technology, Singapore
- Ast/Prof Holden Li, Nanyang Technological University, Singapore
- A/Prof Eng-Hua Yang, Nanyang Technological University, Singapore
- Mr Norman Yen, Institute of Explosives Engineers, Singapore
- Mr Danny Ong, B P (Systems) Engineering Pte Ltd, Singapore
- Michael Sien, WME (South East Asia) Pte Ltd, Singapore
- Mr Chirag Baxi, KK Retroflex, India

Conference Directors:

Er John S.Y. Tan, CI-Premier Conference Organisation, Singapore

Ms Peggy Teo ci-p@cipremier.com Ph: +65 91270094

14th International Conference on

Shock & Impact Loads on Structures

3 – 5 November 2021, Singapore

Invitation to Participate



With the support of:

Institute of Explosives Engineers, Singapore

Institution of Structural Engineers, Singapore Regional Group

Co-sponsors:

B P (Systems) Engineering Pte Ltd, Singapore

Managed by:

CI-Premier Conference Organisation, Singapore



14th International Conference on Shock & Impact Loads on Structures

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Introduction

The International Conference on Shock and Impact Loads on Structures (SI) is an important event among academics, practising engineers, researchers and construction specialists. Inaugurated in January 1996 in Singapore, this highly successful Conference series has been held subsequently once every 1.5 to 2.0 years in cities in Australia in 1997, 2005 & 2009 (Melbourne, Perth and Adelaide respectively), China in 2002, 2007 & 2019 (Changsha, Beijing and Guangzhou respectively), Japan in 2011 (Fukuoka), Canada (Ottawa) in 2015, and Singapore in 1996, 1999, 2001, 2013 & 2017. The 14th SI (SI21) will be held in Singapore in 2021. It will be hosted by the International Scientific Committee under the Founding Chairman, A/Prof (Ret'd) Er. Dr Tat-Seng Lok and Er. Dr Choon-Keat Ang. It will comprise daily plenary sessions and parallel technical sessions encompassing hazardous risks and the latest threats.

Conference Brief Programme

Pre-Conference (3 Nov, Wed)

1600-1800 Early Registration
1830-2100 Welcome Activity

Day 1 (4 Nov, Thu)

0830-0900 Registration continues
0900-0930 Opening by Guest-of-Honour
0930-1030 Keynote presentations

1045-1730 Special Session in honour of Prof N Ishikawa and Technical presentations

1800-2000 Conference Dinner (by invitation only)

Day 2 (5 Nov, Fri)

0900-1700 Keynote and Technical presentations
1700-1730 Awards Presentation and Closing

Morning and afternoon refreshments would be provided at approx. 1030hr & 1530hr and lunch at approx. 1230hr on each day of the Conference on 4 & 5 Nov, 2021.

Note: The organiser reserves the right to change the venue and/or programme or cancel the conference if deemed necessary. In the event of a cancellation, all fees paid will be refunded.

Call for Papers

The following themes are scheduled for discussion:

- Earthquake Shock, including rapid hydraulic shock from tsunamis
- Impact-Resistant Structures (Ballistics, Fragmentation, Vehicles)
- Numerical Simulation and Modelling of Impact, Shock and Blast
- Dynamic Soil-Structure Interaction and Ground Shock
- Penetration Mechanics, Shock and Wave Propagation
- Dynamic Behaviour of Structural Elements & Design
- Explosion caused by High Explosives, Gas, Dust and Fertilisers
- Blast Loading on Structures & Protective Technology
- Experimental Techniques, Material Behaviour at High Strain Rate
- Hostile Vehicle Mitigation, Crashworthiness of Street Structures
- Explosion Containment Vessels
- Bio-hazard Mitigation, Infrastructure Protection
- Aerial, Land and Undersea/Underground Threat and Mitigation
- Special Sessions on Specific Topics

Submissions are now invited and abstracts (about 400 words/one A4 page), may be sent to the Conference Director, Er. John S Y Tan, via email: ci-p@cipremier.com

Please note that a Text Inclusion Fee (TIF) of SGD400 per submission is mandatory to ensure publication of accepted texts. Abstracts and texts will be subjected to peer review. The proceeding will carry an ISBN reference and sent for ISTP indexing after the

Important Dates

- ▶ **15 April 2021** – Close of abstract submission
- ▶ **15 June 2021** – Notification of abstract acceptance
- ▶ **15 August 2021** – Full text to be received
- ▶ **15 September 2021** – Advised of paper acceptance

Conference Awards

Highly Commendable Paper Awards are presented at this Conference series to encourage quality submissions from young researchers. New and original technical papers will be considered for awards.

For full listings of keynote, special sessions & technical papers, and other Conference updates, visit:

www.cipremier.com

Chairmen's Message **SI21**

On behalf of the Organising Committee, we welcome you to join us in Singapore from 3 – 5 November 2021 to attend this regular bi-annual event of SI21.

This Conference provides you with opportunities to share common interests in the latest research and development into the effects of shock and impact on structures, blast protection practice and recent topics that influence protective security around the world.

Singapore, a congenial location where the East meets the West, is situated in vibrant South East Asia. Nestled amongst the dynamic neighbouring countries of ASEAN, it is one of the fastest growing economies following the recent worldwide pandemic. With a diverse population and culture of over 5.5 million inhabitants, you will find everything you need in an area of about 720 km². The Singapore metropolis is a modern city filled with vibrancy of the East and West – a fusion that encompasses the best of everything that the world has to offer.

The Conference Committee welcomes your active participation in sharing knowledge and ideas that make this an event to remember in a new normal post-pandemic world. The warmth and hospitality is here to serve all participants.

We look forward to seeing you in Singapore in November 2021.

T.S. Lok & C.K. Ang

Conference City - Republic of Singapore

The Republic of Singapore is a sovereign island city-state in maritime Southeast Asia. It lies about one degree of latitude north of the equator, off the southern tip of the Malay Peninsula, bordering the Straits of Malacca to the west, the Riau Islands to the south, and the South China Sea to the east. The country's territory is composed of one main island, 63 satellite islands and islets, and one outlying islet, the combined area of which has increased by 25% since the country's independence as a result of extensive land reclamation projects. It has the second largest population density in the world. The country is home to almost 5.7 million residents, 61% of whom are Singaporean citizens. There are four official languages of Singapore: English, Malay, Chinese, and Tamil; with English being the *lingua franca*. This reflects in its rich cultural diversity and extensive ethnic cuisine and major festivals. Multiracialism is enshrined in the Constitution, and continues to shape national policies in education, housing, and politics.