Regency Steel Asia Symposium on Innovative Research, Advanced Design & New Construction Technologies on Steel and Composite Structures

Wednesday, 12 June 2019
9:00 am to 5:30 pm
(Registration starts at 8:30 am)
Lecture Theatre 1A (LT1A-01-01)
Nanyang Technological University
50 Nanyang Avenue
Singapore 639798

Organised by:
School of Civil and Environmental Engineering
Nanyang Technological University, Singapore

Sponsored by:
Regency Steel Asia Endowment Fund @ NTU

Accreditation
Qualified for 6 PDUs by the Professional Engineers Board Singapore (PEB);
Supervision Training Units (Pending from The Institution of Engineers, Singapore)
In May 2008, Regency Steel Asia Pte Ltd (RSA), one of Asia’s largest steel distributors, broke new ground with the launch of the Regency Steel Asia Pte Ltd Fund at the Nanyang Technological University (NTU), Singapore. The RSA Fund, the first of its kind that was established at the University, charted new strategic directions in structural steel research and expertise development. Regency Steel Asia Pte Ltd donated S$1.5 million to establish the RSA Fund and this amount was matched by one-to-one government funding, making it a total of S$3 million.

The first research project that was funded by RSA aimed to advance the understanding and application of high strength steel in bridging structures in the industry. Through the project, the research team from NTU’s School of Civil and Environmental Engineering had drawn up clear guidelines on the use of high strength steel and to promote its use for the construction industry.

ABOUT THIS SYMPOSIUM

The Regency Steel Asia (RSA) Symposium 2019 will be the next in a series of successful RSA Symposiums in 2008, 2011, 2013 and 2015 at the Nanyang Technological University, Singapore. The RSA Symposiums aim to support steel research and to promote the advanced design and new construction technologies to the use of steel and composite structures for a more green, sustainable and safe living environment. This year, the RSA Symposium 2019 will generally focus on applications of Innovative Research, Advanced Design & New Construction Technologies on Steel and Composite Structures. It will discuss how the latest codes and technologies can be better implemented in the research and the design of high strength steel structures as well as steel-concrete composite structures. On construction technologies, recent development and innovative examples of awarded projects will be presented during the Symposium.

SYMPOSIUM PROGRAMME

0830 hrs  Registration
0900 hrs  Welcome Address by Professor Rong WANG, Chair, School of Civil and Environmental Engineering, Nanyang Technological University, Singapore
0915 hrs  Opening Address by Mr. Yasuhiro KOJIMA, Chief Executive Officer, Regency Steel Asia Pte Ltd
0930 hrs  Part I — High Strength Steel Structures
Presentation 1 by Prof. Sing Ping CHIEW, Singapore Institute of Technology
Presentation 2 by Prof. Kwok-Fai CHUNG, The Hong Kong Polytechnic University
1030 hrs  Morning Refreshment Break
1100 hrs  Part I — High Strength Steel Structures
Presentation 3 by Prof. Guoqiang LI, Tongji University
Presentation 4 by Assistant Prof. Ou ZHAO, Nanyang Technological University, Singapore
Presentation 5 by Associate Prof. Bo YANG, Chongqing University
Part II — Steel-Concrete Composite Structures
Presentation 1 by Prof. Dennis LAM, University of Bradford
1300 hrs  Lunch Break
1400 hrs  Part II — Steel-Concrete Composite Structures
Presentation 2 by Prof. Prof. Brian UY, The University of Sydney
Presentation 3 by Prof. Jat Yuen Richard LIEW, The National University of Singapore
Presentation 4 by Prof. Chi King LEE, The University of New South Wales Canberra
Part III — Practical Design and Applications
Presentation 1 by Engr. Mr. Chelvadurai HARENDRAN, Yongnam Holdings Ltd
1600 hrs  Afternoon Refreshment Break
1630 hrs  Part III — Practical Design and Applications
Presentation 2 by Engr. Dr. Lin Ming SEE, Arup Group Ltd
Presentation 3 by Prof. Kang Hai TAN, Nanyang Technological University, Singapore
1730 hrs  Adjournment for the Day