

The following guests had attended the Opening Ceremony held on 5 September 2018:

• Ir C. K. HON, JP Permanent Secretary for Development (Works),

Development Bureau of the Government of Hong Kong SAR, China

• Mr. K. K. CHAN Construction Industry Council

• Ir Y. K. CHENG Institution of Structural Engineers, U. K.

• Prof. William LAM Hong Kong Polytechnic University

• Ir C. C. CHAN Construction Industry Council

• Ir Terence LAM Civil Engineering and Development Department

• Ir Humphrey HO Buildings Department

Ir Albert CHENG
 Ir Alex KWAN
 Ir Thomas HUI
 Construction Industry Council
 Hong Kong Airport Authority
 Development Bureau (Works)

Ir C. K. CHAN
 The Hong Kong Institution of Engineers
 The Hong Kong Institution of Engineers

• Mr. Y. K. PANG Hong Kong Constructional Metal Structures Association

• Dr. Paul LAM City University of Hong Kong

• Dr. Michael LEUNG Hong Kong Polytechnic University

• Mr. S. K. POON China State Construction International Holdings Limited

• Mr. Eric KWONG AluHouse Company Limited

Mr. C. H. WU CCM – Changzhou Changhong Mould Limited
 Dr. Jeffrey LAM Nano and Advanced Materials Institute Limited

• Mr. Matthew LAI Wo Lee Steel Co., Ltd.

• Mr. Patrick YAN Yau Sang Galvanizing (Hot-Dip) Co., Ltd.

The following prominent researchers and engineers had presented in the Keynote Lectures during the Conference:

- Prof. David A. Nethercot, Imperial College London, United Kingdom
- Prof. Yozo Fujino, Yokohama National University, Japan
- Prof. Sritawat Kitipornchai, University of Queensland, Australia
- Prof. Ahmed Elghazouli, Imperial College London, United Kingdom
- Prof. Richard Liew, National University of Singapore, Singapore
- Prof. G. Q. Li, Tongiji University, China
- Prof. L. H. Han, Tsinghua University, China
- Prof. S. P. Chiew, Singapore Institute of Technology, Singapore
- Prof. Richard Stroetmann, Technische Universität Dresden, Germany
- Dr. Robin Sham, AECOM, Hong Kong

Programme on Day 1

	5 September (Wednesday) DAY 1	
8:00am	Registration	Ballroom Foyer, Level 7
	-04/1	Ballrooms I & II, Level
Opening Ceremony 9:00am	Opening Address Ir Chi-Keung HON, GBS, JP	Centre for Steel Construction (Hong Kong Branch) Development Bureau, the Government of the HKSAR
Keynote Lectures cl	naired by Professor Sritawat KITIPORNCHAI	Ballrooms I & II, Level 7
Keynote Lecture 1 9:30am	Understanding and designing to resist progress Professor David A. NETHERCOT Imperial College London, United Kingdom	sive collapse of steel frame buildings
Keynote Lecture 2 10:00am	Technological developments of steel bridges and a Professor Yozo FUJINO Yokohama National University, Japan	their structural monitoring in Japan – a review
10:30am	Coffee Break	Ballroom Foyer, Level 7
Keynote Lectures cl	naired by Professor Ahmed Y. ELGHAZOULI	Ballrooms I & II, Level 7
Keynote Lecture 3 11:00am	Design of high strength steel reinforced concrete columns Professor Sing-Ping CHIEW Singapore Institute of Technology, Singapore	
Keynote Lecture 4 11:30pm	Fire safety of large space steel buildings Professor Guo-Qiang Ll Tongji University, China	
12:00pm	Lunch Star Room, Lo Sponsored by AluHouse	
	Parallel Session 1A Ballrooms I & II, Level 7	Parallel Session 1B Shanghai Room I, Level 8
1:30рт	Special Session Effective Use of High Strength Steel on Construction I Professor Kwok-Fai CHUNG The Hong Kong Polytechnic University, Hong Kong	Special Session Concrete Materials & Structures Dr. Johnny HO The University of Queensland, Australia
3:00pm	Coffee Break	Ballroom Foyer, Level
	Parallel Session 2A	Parallel Session 2B
	Ballrooms I & II, Level 7	Shanghai Room I, Level 8
3:30pm	Special Session Effective Use of High Strength Steel on Construction II Dr. Tak-Ming CHAN The Hong Kong Polytechnic University,	Special Session Concrete-filled High Strength Steel Structures Dr. May SU The University of Manchester,
5:00pm	Hong Kong	United Kingdom

Programme on Day 2

		6 September (Thursday) DAY 2		
8:30am	Registration	0.11/0.001/	Ballroom Foyer, Level 7	
Keynote Lectures cl	haired by Professor Richard J. Y.	LIEW	Ballrooms I & II, Level 7	
Keynote Lecture 5 9:00am	Behaviour and design of concrete-filled stainless steel tubular columns Professor Lin-Hai HAN Tsinghua University, China			
Keynote Lecture 6 9:30am	Inelastic seismic demands in steel framed structures Professor Ahmed Y. ELGHAZOULI Imperial College London, United Kingdom			
Keynote Lecture 7 10:00am	Mechanical properties and a new design approach for welded joints at high strength steels Professor Richard M. STROETMANN Technische Universität Dresden, Germany			
10:30am	Coffee Break		Ballroom Foyer, Level 7	
	Parallel Session 3A	Parallel Session 3B	Parallel Session 3C	
	Ballrooms I & II, Level 7	Ballroom III, Level 7	Shanghai Room I, Level 8	
11:00am	Analysis & Design I Professor Tommy CHAN The Queensland University of Technology, Australia	Cold-formed Steel Construction I Professor Sing-Ping CHIEW Singapore Institute of Technology, Singapore	Dr. Paul H. F. LAM The City University of Hong Kong, Hong Kong	
12:00pm	Lunch	100	The Place, Lobby Level	
	Parallel Session 4A Ballrooms I & II, Level 7	Parallel Session 4B Ballroom III, Level 7	Reserved	
1:30pm	Special Session Bimetallic Steel Structures	Special Session Steel & Composite Structures I		
1.50рш	Dr. Hui-Yong BAN Tsinghua University, China	Professor Su-Mei ZHANG Harbin Institute of Technology, China		
3:00pm	Coffee Break Ballroom Foyer, Level 7			
	Parallel Session 5A Ballrooms I & II, Level 7	Parallel Session 5B Ballroom III, Level 7	Parallel Session 5C Shanghai Room I, Level 8	
3:30pm	<u>Special Session</u> Cold-formed Steel Structures	Special Session New Process & Forming Effects on Cold-formed Steel	Composite Structures	
5:00pm	Professor Ben YOUNG The University of Hong Kong, Hong Kong	Members Professor Fei HAN North China University of Technology, China	Professor Tommy CHAN The Queensland University of Technology, Australia	

7:00 – 10:00pm	Conference Dinner	Star Room, Level 42
7:00 – 10:00pm	Sponsored by China Construction Steel Structure Corp. Ltd.	

Programme on Day 3

		7 September (Friday) DAY 3	
8:30am	Registration		Ballroom Foyer, Level 7
Keynote Lectures cl	haired by Professor Yozo FUJINO		Ballrooms I & II, Level 7
Keynote Lecture 8 9:00am	FRP composites in steel structures Professor Sritawat KITIPORNCHAI The University of Queensland, Australia		
Keynote Lecture 9 9:30am	A seismic resilient and scour tolerant long river crossing Dr. S. H. Robin SHAM AECOM, Hong Kong		
Keynote Lecture 10 10:00am	Prefabricated prefinished volumetric construction of high-rise buildings Professor Richard J. Y. LIEW National University of Singapore, Singapore		
10:30am	Coffee Break		Ballroom Foyer, Level 7
	Parallel Session 6A Ballrooms I & II, Level 7	Parallel Session 6B Ballroom III, Level 7	Parallel Session 6C Shanghai Room I, Level 8
	Analysis & Design II	Cold-formed Steel Construction II	Connections & Fire Engineering
11:00am	Professor Chun-Man CHAN The Hong Kong University of Science and Technology, Hong Kong	Dr. Tak-Ming CHAN The Hong Kong Polytechnic University, Hong Kong	Dr. Fa-Cheng WANG Tsinghua University, China
12:00pm	Lunch		Alibi, Level 5
	Parallel Session 7A Ballrooms I & II, Level 7	Parallel Session 7B Ballroom III, Level 7	Parallel Session 7C Shanghai Room I, Level 8
	Special Session Steel Metallurgy	<u>Special Session</u> High Strength Steel & Composite Structures	Special Session Seismic Protection to Steel Structures
1:30pm	Dr. Ming-Xin HUANG The University of Hong Kong, Hong Kong	Dr. Yan-Bo WANG Tongji University, China	Dr. Xu-Chuan LIN Institute of Engineering Mechanics, China
3:00pm	Coffee Break Ballroom Foyer, Level 7		
	Parallel Session 8A Ballrooms I & II, Level 7	Parallel Session 8B Ballroom III, Level 7	Reserved
3:30pm	Special Session Concrete-filled Steel Tubular Structures	Special Session Steel & Composite Structures II	
5:00pm	Dr. Wei LI Tsinghua University, China	Dr. Zhen-Yu HUANG Shenzhen University, China	

Special Sessions:

Effective Use of High Strength Steel on Construction I

Professor Kwok-Fai CHUNG, The Hong Kong Polytechnic University, Hong Kong

> Steel & Composite Structures I

Professor Su-Mei ZHANG, Harbin Institute of Technology, China

> Cold-formed Steel Structures

Professor Ben YOUNG, The University of Hong Kong, Hong Kong

➤ New Process & Forming Effects on Cold-formed Steel Members

Professor Fei HAN, North China University of Technology, China

Concrete Materials & Structures

Dr. Johnny HO, The University of Queensland, Australia

> Steel Metallurgy

Dr. Ming-Xin HUANG, The University of Hong Kong, Hong Kong

Effective Use of High Strength Steel on Construction II

Dr. Tak-Ming CHAN, The Hong Kong Polytechnic University, Hong Kong

> Concrete-filled Steel Tubular Structures

Dr. Wei LI, Tsinghua University, China

> Seismic Protection to Steel Structures

Dr. Xu-Chuan LIN, Institute of Engineering Mechanics, China

> Steel & Composite Structures II

Dr. Zhen-Yu HUANG, Shenzhen University, China

> Bimetallic Steel Structures

Dr. Hui-Yong BAN, Tsinghua University, China

➤ High Strength Steel & Composite Structures

Dr. Yan-Bo WANG, Tongji University, China

➤ Concrete-filled High Strength Steel Structures

Dr. May SU, The University of Manchester, United Kingdom

Conference Organising Committee

Chairman

Ir Prof. K. F. Chung

Chinese National Engineering Research Centre for Steel Construction (Hong Kong Branch), The Hong Kong Polytechnic University

Members

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Chinese National Engineering Research Centre for Steel Construction (Hong Kong Branch), The Hong Kong Polytechnic University

Ir Joseph Y. W. Mak

Chinese National Engineering Research Centre for Steel Construction (Hong Kong Branch), The Hong Kong Polytechnic University

Dr. T. M. Chan

Chinese National Engineering Research Centre for Steel Construction (Hong Kong Branch), The Hong Kong Polytechnic University

Dr. H. C. Ho

Chinese National Engineering Research Centre for Steel Construction (Hong Kong Branch), The Hong Kong Polytechnic University

Dr. Ivan W. H. Lau

Chinese National Engineering Research Centre for Steel Construction (Hong Kong Branch), The Hong Kong Polytechnic University

Prof. C. M. Chan

The Hong Kong University of Science and Technology

Dr. Paul H. F. Lam

The City University of Hong Kong

Ir Prof. Ben Young

The University of Hong Kong

International Scientific Committee

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Prof. F. S. K. Bijlaard	Delft University of Technology	Netherlands
Dr. R. Bjorhovde	The Bjorhovde Group	U.S.A.
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Prof. T. H. Chan	Queensland University of Technology	Australia
Prof. S. L. Chan	Hong Kong Polytechnic University	Hong Kong
Prof. Y. Y. Chen	Tongji University	China
Prof. S. P. Chiew	Singapore Institute of Technology	Singapore
Prof. Y. S. Choo	National University of Singapore	Singapore
Dr. G. Couchman	The Steel Construction Institute	United Kingdom
Prof. D. Dubina	Polytechnic University of Timisoara	Romania
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Prof. A. Y. Elghazouli	Imperial College London	United Kingdom
Prof. Y. Fujino	Yokohama National University	Japan
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Prof. G. Ranzi	University of Syndey	Australia
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