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4th International Conference on

Advanced Steel Structures

November 09-10, 2017 Singapore



Conference Series

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Seletar Room 1, Level 3

conferenceseries.com 09:15-09:30 Opening Ceremony

	Keynote Forum
09:30-10:15	Title: Fracture analysis and assessment: From materials to large-scale steel structures
	Xudong Qian, National University of Singapore, Singapore
10:15-11:00	Title: Behavior of axially loaded back-to-back cold-formed steel built-up channel sections
	Hieng Ho Lau, Curtin University Sarawak, Malaysia
	Group Photo
	Networking & Refreshment Break: 11:00-11:15 @ Seletar Foyer
11:15-12:00	Title: Experimental study on the steel-concrete composite girder joint of a single pylon cable-stayed bridge
	Lu Deng, Hunan University, China
12:00-13:00	Title: Performance and design of an bolted joint connecting H-shaped beams and square hollow steel columns
	Xuechun Liu, Beijing University of Technology, China
	Lunch Break: 13:00-14:00 @ Atrium Restaurant
Sessions:	
	eering Prestressed Structures Steel Concrete Composite Structures Structural Stability ngineering Advanced Structural Analysis
Foundation	Session Introduction
Session Chair	: Airong Liu, Guangzhou University, China
	nair: Alnuaimi Ali, Sultan Qaboos University, Oman
14:00-14:30	Title: Experimental investigation of an existing and new retrofitted steel bridge girder due to fatigue failure
	Olivia Mirza, Western Sydney University, Australia
14:30-15:00	Title: Behavior of concrete filled rectangular steel tubes subjected to flexural loading
14:30-15:00	P K Gupta, Indian Institute of Technology Roorkee, India
	Special Keynote Video Session
15:00-15:45	Title: Advances in intelligent design of structures
	Lin Shaopei , Shanghai Jiao Tong University, China
	Networking & Refreshment Break: 15:45-16:00 @ Seletar Foyer
16:00-16:30	Title: Investigation on dynamic instability of concrete-filled steel tubular column
	Youqin Huang, Guangzhou University, China
16:30-17:00	Title: Case studies of innovative composite structural system applied to Singapore and South Korea
	Jaewook Jeong, SEN Engineering Group, Singapore
17:00-17:30	Title: Local web buckling failure criteria of the steel-concrete composite beam with openings subjected to combined negative bending and axial compression
	Mahesan Bhavan, Member of American Society Civil Engineers, Singapore
	Special Keynote Video Session
17:30-18:00	Title: New trends in structural engineering education with application to design of steel structures
	Ezzeldin Y Sayed-Ahmed, The American University in Cairo, Egypt
	Panel Discussion & Day 1 Close

	Day 2 November 10, 2017	
Seletar Room 1, Level 3		
	Keynote Forum	
09:15-10:00	Title: Study on rotation construction control of a hybrid-girder cable-stayed bridge with single pylon and single cable plane	
10:00-11:00	Lu Deng, Hunan University, China Title: Innovative concept on structural engineering of mega tall buildings: Applied to one kilometer high concrete skyscraper and concept of concrete reduction from shear walls of tall buildings Feroz Alam, Public Works Authority, Qatar	
	Networking & Refreshment Break: 11:00-11:15 @ Seletar Foyer	
11:15-12:00	Title: Experimental research on stable ultimate bearing capacity of leaning-type arch rib systems Airong Liu, Guangzhou University, China	
12:00-13:00	Title: Composite shear walls: An efficient seismic resistant system for multi-story buildings Meheddene M Machaka & Nada F Reslan, Beirut Arab University, Lebanon	
	Lunch 13:00-14:00 @ Atrium Restaurant	
14:00-14:45	Title: Non-linear behavior of back-to-back built-up cold-formed steel columns under compression: Finite element modeling and parametric study Hieng Ho Lau, Curtin University Sarawak, Malaysia	
	ingineering Strength of materials Geotechnical aspects Green Building Fabrication of Construction Engineering	
	Session Introduction	
	r: Xuechun Liu, Beijing University of Technology, China	
	nair: Hieng Ho Lau, Curtin University Sarawak, Malaysia	
14.45-15.15	Title: Basic wind speed map for Oman	
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Next in Series

5th International Conference on

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May 09-10, 2018 Tokyo, Japan

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