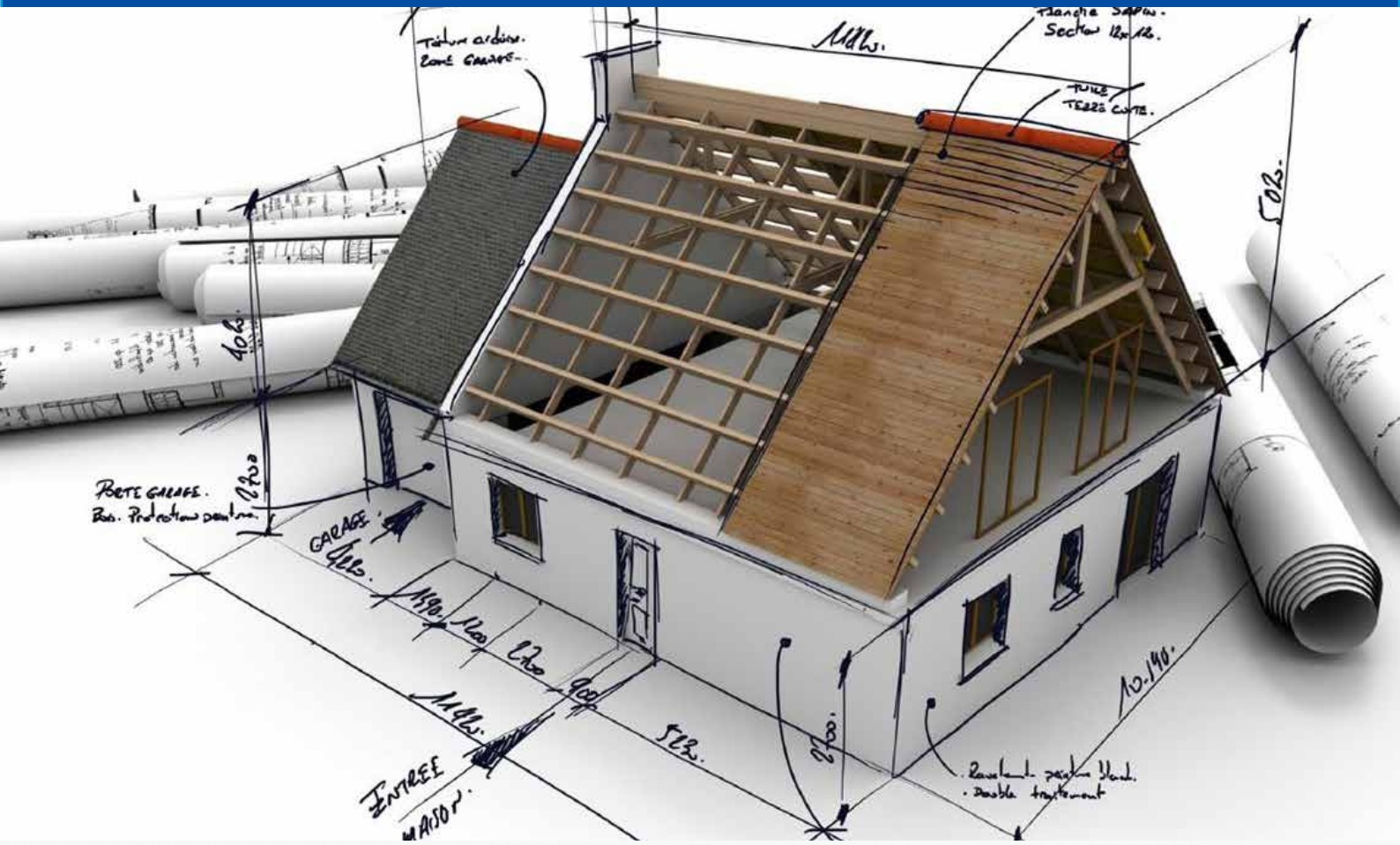
Tentative Program

3rd Euro Congress on

Iron, Steel and Construction engineering

August 07-08, 2017 London, UK



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops

Exhibitors | B2B Meetings

For available speaker slots

steelcongress@enggconferences.com

Program at A Glance

Day 1

Morning Sessions

Reception/Registration	
General Session	
Inaugural Address	
Least of 3 Keynote/Plenary Talks	Keynote/Plenary Talk 1 **(slots available)**
	Keynote/Plenary Talk 2 **(slots available)**
	Keynote/Plenary Talk 3 **(slots available)**
Panel Discussions/Group Photo	
Coffee/Tea Break (Networking)	
5 Speakers (20min) **slots available**	
Lunch Break	
6 Speakers (20min) **slots available**	
Coffee/Tea Break (Networking)	
5 Speakers (20min) **slots available**	

Day 2

Morning Sessions

Session 1	Session 2
5 Speakers (20min) **slots available**	5 Speakers (20min) **slots available**
Coffee/Tea Break (Networking)	
5 Speakers (20min) **slots available**	5 Speakers (20min) **slots available**

Evening Sessions

Lunch Break	
5 Speakers (20min) **slots available**	5 Speakers (20min) **slots available**
Coffee/Tea Break (Networking)	
5 Speakers (20min) **slots available**	5 Speakers (20min) **slots available**
Award & Closing Ceremony	

NOTE: Program Schedule is subject to change with final allotment of the speaker slots

Conference Highlights

- Metallurgy-Steel applications
- Technological advancement in Construction sector
- Seismic Design
- Composite Structures
- Industrial and Non-Building structures
- Building Science & Technology
- Environmental Technology
- Fabrication and construction
- Ecological Architecture
- Architectural Design & Case studies
- Urban Planning & Design
- Retrofitting, Refurbishment & Sustainability

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Glimpses of Steel Structure











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689th Conference

Scientific Program

2nd World Congress and Exhibition on

Construction & Steel Structure

September 22-24, 2016 Las Vegas, USA



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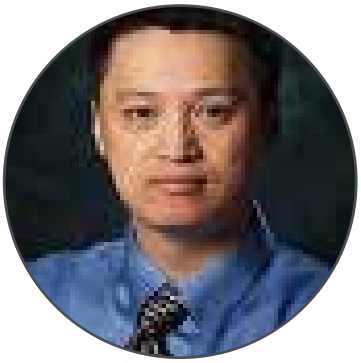
Brian Uy
University of New South Wales
Australia



Syed M. Ahmed
East Carolina University
USA



Halil Sezen
The Ohio State University
USA



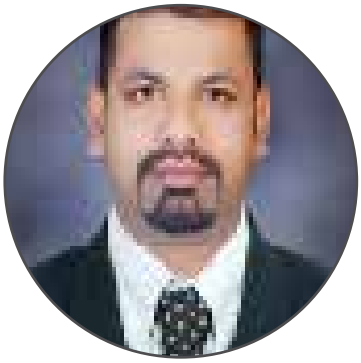
Cheng Yu
University Of North Texas
Dallas, USA



Walid Tizani
The University Of Nottingham



Mauro Nicoletti
Politecnico di Milano



M Manikandan
Gulf Consult-Kuwait
Kuwait



Mostafa Fahmi Hassanein
Tanta University, Egypt
Egypt

Day 1 September 22, 2016

Registrations

Flamingo-2

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Opening Ceremony

Keynote Forum

Title: The ABC and D of Steel and Composite Structures: Australian Experiences

Brian Uy, The University of New South Wales, Australia

Group Photo

Networking & Refreshments Break @ Foyer

Title: Collapse performance of steel buildings with infill walls

Halil Sezen , The Ohio State University, USA

Sessions:
Construction Engineering | Structures | Civil Engineering

Session Chair: M Manikandan, Gulf Consult, Kuwait

Session Introduction

Title: Repair method of damaged steel framed structures and ultimate seismic state of repaired steel frames

Takumi Ito, Tokyo University of Science, Japan

Title: Load bearing capacity of light steel wall panels with various stud configuration

Shek Poi Ngian, Universiti Teknologi Malaysia, Malaysia

Title: Skyscrapers design and behavior of steel structures and connections complexities from constructability perspectives

M Manikandan, Gulf Consult, Kuwait

Lunch Break@ Foyer

Young Research Forum

Title: A study on ultimate seismic states of multi-story horizontally mixed structural system and feasibility on connection joints

Kento Mori, Tokyo University of Science, Japan

Title: An experimental and analysis study on vibration control devices called as hybrid scaling-frame

Hideaki Azu, Tokyo University of Science, Japan

Title: Repair method of damaged steel braced structure and restoring force characteristics after repair state

Ryotaro Arai, Tokyo University of Science, Japan

Title: An experimental study of embedded connection for lightweight steel square tube filled with adhesives

Itsuki Yagi, Tokyo University of Science, Japan

Title: Prediction method of maximum seismic response for vibration control steel frames with scaling-frame device installed

Akinobu Kano, Tokyo University of Science, Japan

Title: The repair method of damaged h-shaped steel members and experimental study on recovery after repair

Tomoe Onoda, Tokyo University of Science, Japan

Panel Discussion

Networking & Refreshments Break@ Foyer

Day 2 September 23, 2016

Flamingo-2

Keynote Forum

Title: Application of Japanese high-performance steel SBHS500 to girder

Eiki Yamaguchi, Kyushu Institute of Technology, Japan

Title: Risk management in the construction projects from the conceptual design and life cycle perspectives

M Manikandan, Gulf Consult, Kuwait

Networking & Refreshments Break@ Foyer

Session Introduction

Sessions:
Steel Construction | Environmental Engineering | Design and Behavior of Steel Structures and Members | Construction Industry

Session Chair: Brian Uy, The University of New South Wales, Australia

Session Introduction

Title: Architecturally exposed structural steel

Howida Borziza, Gulf Consult, Kuwait

Young Research Forum

Title: Managing structural health monitoring data using building information modeling

Mojtaba Valinejadshoubi, Concordia University, Canada

Title: Application of building information modeling in SHM sensors' visualization, data management and identification of their optimal placement in a building

Azin Shakibabarough, Concordia University, Canada

Title: Model update methods for vibration based damage detection in four story book shelf

Ardalan Sabamehr, Concordia University, Canada

Title: A study of equivalent strength and effects of brace type of multi-story steel braced frames

Takayuki Kinoshita, Tokyo University of Science, Japan

Lunch Break@ Foyer

WORKSHOP

Title: Collapse performance of steel buildings and guidelines for progressive collapse modeling and analysis

Halil Sezen, The Ohio State University, USA

Young Research Forum

Title: Top and seat angle connections subjected to elevated temperatures: Finite element and mechanical modeling

Sana N. El Kalash, American University of Beirut, Lebanon

Networking & Refreshments Break@ Foyer

Poster Sessions

Title: A study on the application of surveillance technology with large bolt axial force of nuclear facilities

Jeongsu Ju, University of Seoul, Korea

Title: Analytical study of the H-shaped brace according to reinforcement rate of non-welded buckling restraint element

Seul-Ki Hwang, University of Seoul, Korea

Panel Discussion

Day 3 September 24, 2016

Flamingo-2

Keynote Forum

Title: Screw connections in cold-formed steel clip angles subjected to uplift forces

Cheng Yu, University of North Texas, USA

Sessions:
Digital Structural Designs | Safety Management in Construction | Earthquake resistance engineering structure | Fire Safety Engineering and Design of Structures

Session Chair: Cheng Yu, University of North Texas, USA

Session Intrudution

Title: Reduced web and flange link sections to enhance the ductility of link-to-column connection of eccentrically braced frames

Daniel Y Abebe, Chosun University, Korea

Networking & Refreshments Break@ Foyer

Title: 3D model for axially loaded square concrete steel tubular columns subjected to fire

Mahmood Md Tahir, Universiti Teknologi Malaysia, Malaysia

Title: Blast resistance on a composite panel with infilled nano-composite

Min-jae Park, Korea University, Korea

Young Research Forum

Title: Numerical evaluation of resistance capacity for CFT columns

Ju young Hwang, Korea Advanced Institute of Science and Technology, Korea

Title: Seismic evaluation of the diagrid structure based on the low-to-moderate seismicity region earthquake data

Yong Jae Lee, Korea University, Korea

Title: Time-dependent analysis of RC structures considering the construction sequences and structural symmetry

WonHo Lee, Korea Advanced Institute of Science and Technology, Korea

Lunch Break@ Foyer

Award Ceremony

Thanks giving & Closing Ceremony

Bookmark your dates

3rd World Congress and Exhibition on

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September 26-27, 2017 Abu Dhabi, UAE

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Day 1 November 16, 2015

Registrations

Al-Dhiyafah 1

Opening Ceremony

Keynote Forum

Title: Rethinking the Evaluation of the Robustness of Steel Structures
Robert Driver, University of Alberta, Canada

Group Photo @ 10:30-10:35

Coffee Break @ Foyer

Title: Next generation steel and composite infrastructure
Brian Uy, The University of New South Wales, Australia

Title: Ascertaining Key Risks in the Construction Projects from Stakeholder and Life Cycle Perspectives
M Manikandan, Gulf Consult, Kuwait

Track 1: Construction Engineering
Track 2: Structures
Track 5: Civil Engineering

Session chair: Brian Uy, The University of New South Wales, Australia
Session co-chair: AbdulQader S Al-Najmi, Jordan University School of Engineering, Jordan

Session Introduction

Title: Estimating Seismic Demands for Performance-Based Engineering of Steel Buildings
Juan C Reyes, Universidad de los Andes, Colombia
Title: Towards the Design of Super Columns
AbdulQader S Al-Najmi, Jordan University School of Engineering, Jordan
Title: CFRP Strengthening and Rehabilitation of Corroded Steel Pipelines under Direct Indentation
Mohamed Elchalakani, Higher Colleges of Technology, UAE

Lunch Break @ Al-Tannour

Title: Compressive Strength of Concrete-filled thin steel stubs: Theoretical and experimental Study
Jahid Zeghiche, Al-Baha University, Saudi Arabia
Title: Eco-Con The environmental impact evaluation and testing of sustainable inorganic binders: A green alternative to ordinary Portland cement
Beste Cubukcuoglu, Antalya International University, Turkey
Title: Buckling Capacity of Pretwisted Steel Columns; Experiments and Finite Element Study
Farid Abed, American University of Sharjah, UAE
Title: Further Tests on Thin Steel and Composite Fabricated Stubs
Jahid Zeghiche, Al-Baha University, Saudi Arabia
Title: Buckling load and effective length of web tapered built-up columns in pre-engineered steel buildings
Ramesh Meghrajani, Visvesvaraya National Institute of Technology, India
Title: Structural Steel Connection Design: between the Structural Consultant and the Steel Fabricator
Magdi A Khalifa, Abu Dhabi, UAE

Panel Discussion

Coffee Break @ Foyer

Day 2 November 17, 2015

Al-Dhiyafah 1

Keynote Forum

Title: Building Resilience in Construction Site Operations: Shifting from Protective Safety to Productive Safety
Sherif Mohamed, Griffith University Queensland, Australia

Title: Stress Concentration due to Shear lag in Box Girder
Eiki Yamaguchi, Kyushu Institute of Technology, Japan

Coffee Break @ Foyer

Track 3: Steel Construction
Track 7: Environmental Engineering
Track 9: Design and Behavior of Steel Structures and Members
Track 10: Construction Industry

Session chair: Konstantinos Daniel Tsavdaridis, University of Leeds, UK
Session co-chair: M Manikandan, Gulf Consult, Kuwait

Session Introduction 11:10-11:15

Title: Decision Support for Project Prioritization in A/E/C Industry
Tarek Mahfouz, Ball State University, USA
Title: University Leadership for Advancing the Steel Construction Industry—Regional Partnerships for Global Impact
Robert G Driver, University of Alberta, Canada
Title: Behaviors of flag-shaped dampers using combination of magnetic friction and rubber springs
Eunsoo Choi, Hongik University, Korea
Title: Life extension, upgrade and repair of welded structures – Towards the use of High Strength Steels
Zuheir Barsoum, Khalifa University, UAE
Title: Design and Behavior of Steel Structures and Members from Constructability Perspectives
M Manikandan, Gulf Consult, Kuwait

Lunch Break @ Al-Tannour

Workshop on **Advanced Design of Welded Structures-Introduction to new design methods and IIW recommendations**
by: **Zuheir Barsoum,** Khalifa University, UAE

Title: Evaluation of Connection Systems in Modular Constructions
Merve Sagiroglu, Erzurum Technical University, Turkey
Title: Comparison of Steel and Composite Analysis of a Multi-storey Building
Cigdem Avci-Karatas, Yalova University, Turkey
Title: Advances on shear strength and behavior of bridge girders with steel corrugated webs
Mostafa Fahmi Hassanein, Tanta University, Egypt

Coffee Break @ Foyer

Poster Presentations

CSS-01	**Title: Recycling of waste refractory bricks for the production of dense refractory**
	Bahia Rabehi, University M'Hamed Bougara of Boumerdes, Algeria
CSS-02	**Title: A new approach in optimal semi-active control of structures**
	Reza Karami Mohammadi, K N Toosi University of Technology, Iran

Speaker Sessions

Title: Cold Bending Steel Beams: a State-of The-Art Engineering Solution that Meets Industry Challenges
Antoine N Gergess, University of Balamand, Lebanon
Title: Experimental Investigation of Moment-Rotation Curves of End-Plate Connection using Sinusoidal Beam
Merve Sagiroglu, Erzurum Technical University, Turkey
Title: Performance of ordinary and self compacting concrete using recycled concrete aggregates
Said Kenai, University of Blida, Algeria

Panel Discussion

Day 3 November 18, 2015

Al-Dhiyafah 1

Track 4: Digital Structural Designs
Track 6: Safety Management in Construction
Track 7: Earthquake resistance engineering structure
Track 11: Fire Safety Engineering and Design of Structures

Session chair: Sherif Mohamed, Griffith University Queensland, Australia

Session Introduction

Title: Seismic resistant design of connections with the use of perforated beams
Konstantinos Daniel Tsavdaridis, University of Leeds, UK
Title: Rethinking the Application of Engineering: Structural Analysis of Economic Impact Risk Propagation in Infra_Structures
Albert Owusu, Bana Consulting Engineers, Australia
Title: Role of Composite Joints on the Performance of Steel-Framed Buildings in Fire
Khalifa S Al-Jabri, Sultan Qaboos University, Oman

Coffee Break @ Foyer

Title: Finite Element Modeling of the Seismic Behavior and Fracture of Concentric Braces
Madhar Haddad, United Arab Emirates University , UAE
Title: Lateral Stability of Damaged Open Thin-walled Beams using Lyapunov's Second method
Peter Jiki, University of Agriculture, Nigeria
Title: Local Failure Behaviour of the Steel-Concrete Composite Beam with Web Openings in Various Shapes under Axial Tension and Uniaxial Negative Bending
Mahesan Bavan, National University of Malaysia, Malaysia
Title: Performance Based Design of Cold Formed Steel Structures
Kamal M Bajoria, Indian Institute of Technology Bombay, India
Title: Numerical investigation of composite materials and structures
Lmokhtar Ikharrazne, National School of Applied Sciences, Morocco
Title: Steel versus steel-reinforced concrete bridges
Yassin AL-Kour, K&A Beirut, Lebanon

Lunch Break @ Al-Tannour

Young Research Forum

Title: A comparative assessment of probabilistic seismic hazard for pseudo-negative stiffness control of a steel base-isolated building
Wei Gong, Huazhong University of Science and Technology, China
Title: Experimental Investigation of the Fastening Parameters Influencing the Interfacial Behavior of Composite-Steel Anchored Lap Connections
Omnia AbouEl-Hamd, United Arab Emirates University, UAE
Title: Typical Fracture Behaviour of the Steel-Concrete Composite Beam with Web Openings in Various Sizes under Axial Tension and Uniaxial Negative Bending
Mahesan Bavan, National University of Malaysia, Malaysia

Closing Ceremony