Day 1  November 16, 2017

09:30-09:45  Registration

Meeting hall @ Endeavor

conference.org 09.45-10:00  Opening Ceremony

Keynote Forum

10:00-10:45  Introduction
Title: Entrainment defects in steels
John Campbell, University of Birmingham, UK

Group Photo @ 10:45-10:50

Networkung and Refreshment Break 10:50 - 11:05 @ Breakout Area

11:05-11:50  Title: Design of seismic damage tolerant steel structures
Achintya Haldar, University of Arizona, USA

11:50-12:35  Title: Moment-rotation characteristics of reverse channel connections to tubular columns
Murude Celikag, Eastern Mediterranean University, North Cyprus

12:35-13:20  Title: Structural system identification of steel structures
Jose Turmo, Universitat Politècnica de Catalunya, Spain

Lunch Break 13:20-14:05 @ RBG

Plenary Session

14:05-14:35  Title: Microstructural changes in steels – recent advances in experiments and modelling
Ernst Gamsjager, Montanuniversitat Leoben, Austria

14:35-15:05  Title: Abnormal grain growth in Fe-3%Si steel
Nong-Moon Hwang, Seoul National University, South Korea

15:05-15:35  Title: Anisogrid lattice structures: An interesting paradigm for civil engineering
Giovanni Totaro, CIRA-Italian Aerospace Research Center, ITALY

Sessions: Metallurgy-Steel Applications | Composites | Seismic Design | Concrete Structure | Civil Engineering
Session Chair: John Campbell, University of Birmingham, UK

15:35-16:05  Session Introduction
Title: Double web angle connection behaviour and rigidity in existence of gusset plate
Massood Mofid, Sharif University of Technology, Iran

Networking and Refreshment Break 16:05-16:20 @ Breakout Area

16:20-16:50  Title: Parametric study of steel fibre reinforced concrete members subjected to shear, bending and torsion
Sudhir P. Patil, Maharashtra Institute of Technology, India

Young Research Forum

16:50-17:10  Title: CO₂ emissions from wind turbine in kuwait
Badriya Almutairi, Loughborough University, UK

17:10-17:30  Title: Novel lightweight sandwich panels with fire resistant core and a steel shell
Ailar Hajimohammadi, University of Melbourne, Australia

Panel Discussion
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:45</td>
<td>Tool and die steels in aluminum extrusion and tubular expansion applications</td>
<td>Sayyad Zahid Qamar</td>
<td>Sultan Qaboos University, Alkhodh, Oman</td>
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<td>10:45-11:30</td>
<td>Digital innovation for civil infrastructure – structural health monitoring</td>
<td>Ying Wang</td>
<td>University of Surrey, UK</td>
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<td>11:45-12:15</td>
<td>Seismic performance improvement of steel moment resisting frame using shape memory alloy</td>
<td>K.M. Bajoria</td>
<td>Indian Institute of Technology Bombay, India</td>
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<td>12:15-12:45</td>
<td>High performance steel solutions for buildings and infrastructure in Korea</td>
<td>Taek-Ryong Seong</td>
<td>POSCO Steel Structure Research Group, Korea</td>
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<td>12:45-13:15</td>
<td>Probabilistic study of semi-rigid connections in steel framed structures</td>
<td>Nicola Impollonia</td>
<td>University of Catania, Italy</td>
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<tr>
<td>14:00-14:30</td>
<td>Three dimensional solutions for smart composite/sandwich plates subjected to levy-type support conditions using extended kantorovich method</td>
<td>Poonam Kumari</td>
<td>IIT Guwahati, India</td>
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<td>14:30-15:00</td>
<td>Integrative framework for sustainable development of the cost estimating profession</td>
<td>Anwar Alroomi</td>
<td>California State University, Northridge, USA</td>
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<td>15:00-15:20</td>
<td>Precipitation behavior of AlN and its influence on the microstructure and mechanical performance of a hot rolled C-Mn steel</td>
<td>Abdullah Qaban</td>
<td>University of London, UK</td>
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<td>15:35-15:55</td>
<td>Numerical investigation of rousselier ductile fracture with Extended Finite Element Method (XFEM)</td>
<td>Meor Iqram Meor Ahmad</td>
<td>The University of Sheffield, UK</td>
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<td>15:55-16:15</td>
<td>Cyclic behavior and design of wide-flange steel beam-columns bent about weak axis</td>
<td>Gulen Ozkula</td>
<td>University of California, USA</td>
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