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Organizing Committee and Contact

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Conference Venue and City of Busan

- Busan Exhibition & Convention Center (BEXCO)
BEXCO is about 30 minutes from Gimhae International Airport and Busan Railway Station. There is Haeundae Beach near BEXCO, Korea's most famous resort, and the beauty of the natural surroundings. The address is:
55 APEC-ro, Heaundae-gu, Busan 612-704, Korea
- Accommodation
There are a total of 9,700 guest rooms in Busan, with about 4,000 rooms available in the Haeundae area and wide variety of accommodation types available, from luxurious 5-star hotels to low-budget hostels, within 5 to 10 minutes from the main venue of BEXCO.
- Transportation
Gimhae International Airport (PUS) is one of Korea's major hubs, serving over 600 scheduled flights per week for 25 cities in 10 countries including China, Japan and Germany. Incheon International Airport (ICN) and Gimpo International Airport (GMP) at Seoul, capital city of Korea are also serviceable to transfer to get Busan. The ICN is connecting 182 cities over the world. High speed train KTX is also available between Seoul and Busan.

7th International Conference on Thin-Walled Structures



29 Sep - 1 Oct 2014, Busan, Korea

Third Announcement CALL FOR PAPERS

Lloyd's
Register



선박 해양플랜트 기술연구원

THE SHIP AND OFFSHORE RESEARCH INSTITUTE

Background and Objectives

The highly successful ICTWS series are regarded today by the thin-walled structures community as a major forum for debate and dissemination of knowledge and for mutual exchange of ideas in all areas of research, development, design and innovation pertaining to thin-walled structures. This conference is the seventh in its series, the first six having been held:

- 1st ICTWS Conference, Glasgow, UK, 1996
- 2nd ICTWS Conference, Singapore, 1998
- 3rd ICTWS Conference, Krakow, Poland, 2001
- 4th ICTWS Conference, Loughborough, UK, 2004
- 5th ICTWS Conference, Brisbane, Australia, 2008
- 6th ICTWS Conference, Timisoara, Romania, 2011

Call for Papers and Mini-symposium Proposals

The organizing committee invites you to submit extended abstracts on various topics concerned thin walled structure within 2 pages A4 in length. It should include the title of the paper and full contact information of the authors. One or two figures or tables may be included.

We are soliciting proposals for a series of mini-symposia which would provide in-depth exchanges and debates on a selected topic, particularly one of great importance or emerging nature at this conference.

Please visit the conference web site for more details.

Fundamental and Phenomenological Topics

- Age-Related Degradation (e.g., Corrosion, Fatigue Cracking)
- Arctic Engineering
- Buckling, Plastic Collapse and Ultimate Strength
- Composites
- Corrosion Assessment and Management
- Earthquake
- Experimental Mechanics
- Explosion Engineering
- Fabrication-Related Initial Imperfections
- Fatigue and Fracture Mechanics
- Fire Engineering
- Health Monitoring and Structural Longevity
- Human Factors Engineering
- Inspection and Maintenance
- Impact Engineering (e.g., Collision, Grounding)
- Limit States Design (Load-Resistance Factor Design)
- Manufacturing (e.g., Cold-Forming, Welding, Riveting)
- Materials (e.g., Aluminium, Stainless Steel, FRP, GRP)
- Risk Assessment and Management
- Sandwich Structures
- Strain Rate Effects
- Structural Crashworthiness
- Structural Design Codes and Standards
- Structural Optimization
- Structural Reliability
- Structural Safety
- Temperature Effects (e.g., Low/Elevated Temperature)
- Vibration and Noise

Technical Sessions and Mini-Symposia

- Technical Sessions
 1. Space Structures
 2. Aircraft Structures
 3. Vehicle Structures
 4. Building Structures
 5. Chemical Plants (e.g., Oil-Refining Facility)
 6. Nuclear Power Plants
 7. Bridge Structures
 8. Land-based Storage Structures (e.g., LNG Storage Tanks)
 9. Renewable Energy Structures (e.g., Wind Turbines)
 10. Waterways Infrastructures
 11. Ship Structures
 12. Offshore Structures
 13. Underwater Vehicle Systems (e.g., Submarines)
 14. Subsea Systems (e.g., Pipelines, Risers)
- Mini-Symposia (as of March 2013)
 1. Metal Plated and Shell Structures
 2. Sustainment of Aging Platforms and Structures
 3. Ultimate Strength of Damaged Structures
 4. Structural Crashworthiness

Key Dates

- Abstract Submission: 1 Aug 2013
- Review and Acceptance of Abstract: 1 Oct 2013
- Submission of Full Papers: 1 Jan 2014
- Review and Acceptance of Papers: 1 Mar 2014
- Submission of Final Papers: 1 May 2014
- Conference Dates: 29 Sep-1 Oct 2014

