

First Announcement

## **1<sup>st</sup> Biennial ESIS-CSIC Conference on Structural Integrity (BECCSI)**

Venue – Metropol Palace Hotel, Belgrade, Serbia,

Date – November 25-28, 2025

### **About the Conference**

European Structural Integrity Society (ESIS) and China Structural Integrity Consortium (CSIC) are proud to announce the biennial ESIS-CSIC conferences on Structural Integrity (BECCSI). This initiative is established following the signing of the Memorandum of Understanding on the 8th of November 2024 in Dongguan during the 2024 International Symposium on Structural Integrity (ISSI2024). The BECCSI will alternate biennially between Europe and China, starting in 2025 in Europe. Belgrade, the capital of Serbia was chosen as the first Venue and Serbian Structural Integrity Society (DIVK) as the local organizer.

The 1<sup>st</sup> BECCSI will serve as a unique platform for the structural integrity community to explore novel solutions and manufacturing techniques, evaluate advancements in codes and standards, and address key technical challenges in the field of engineering. Furthermore, the event will seek to place these discussions in the broader context of environmental impact and the future landscape of manufacturing, all of it with the ultimate goal to prevent failure and ensure complete structural integrity.

The three-day conference will create a conducive environment for participants to network with international structural integrity leaders. It will facilitate subsequent discussions and the exchange of diverse views and information among attendees. Special focus of the conference will be on young researchers, including a competition for the Best Student Paper Awards.

Presentations and posters will cover all fracture and fatigue topics with a special focus on:

- Structural integrity for advanced manufacturing
- Reliability-centered manufacturing
- Fatigue and fracture under extreme conditions
- Innovative non-destructive testing and monitoring techniques
- Multi-scale material testing, modelling and analysis
- Structural health monitoring and life extension
- Artificial intelligence and big data
- Numerical simulation of fracture and fatigue process

Abstracts should be submitted by July 1, 2025. More info will soon be available on [www.beccsi2025.com](http://www.beccsi2025.com).

The 1<sup>st</sup> BECCSI will be chaired by Profs. Aleksandar Sedmak (Faculty of Mechanical Engineering, University of Belgrade, President of ESIS), and Shan-Tung Tu (East China University of Science and Technology, President of CSIC). To register interest in the first instance, or to receive updates about the 1<sup>st</sup> BECCSI ISSI2024, please contact Dr. Branislav Djordjevic ([brdjordjevic@mas.bg.ac.rs](mailto:brdjordjevic@mas.bg.ac.rs)) and Prof. Jian-Feng Wen ([jfwen@ecust.edu.cn](mailto:jfwen@ecust.edu.cn)).

### **About CSIC and ISSI**

The China Structural Integrity Consortium (CSIC) is a non-profit academic organization dedicated to academic exchanges, scientific research, engineering applications and knowledge dissemination in the field of structural integrity. Its history can be traced back to 2002, initiated by several universities and research institutes that have long been engaged in collaborative research on structural integrity, particularly in the safety technology of pressure vessels and pipelines. In 2003, the first International Fracture Mechanics (FM) Symposium was held in Shanghai. As the discipline and its application areas expanded, in 2010, the FM series of conferences evolved into the International Symposium on Structural Integrity (ISSI), with member institutions taking turns to organize. In November 2012, after thorough discussions and consultations by the Materials Division, Pressure Vessel Division, and Failure Analysis Division of the Chinese Society of Mechanical Engineering, it was decided to jointly launch the CSIC. The most recent ISSI was held in Dongguan, 5-8<sup>th</sup> November 2024.