

# ACSMO 2026

Asian Congress of Structural and Multidisciplinary Optimization 2026



May 17-21, 2026 / BEXCO, Busan, Korea

[www.acsmo2026.org](http://www.acsmo2026.org)

## Welcome to ACSMO 2026

On behalf of the Organizing Committee, we are delighted to welcome you to the Asian Congress of Structural and Multidisciplinary Optimization 2026 (ACSMO 2026), which will be held in Busan, Korea, from May 17 to 21, 2026.

Busan, the second-largest city in Korea, is a dynamic coastal metropolis known for its stunning beaches, scenic mountains, and rich cultural heritage. We hope you will take this opportunity not only to engage in fruitful academic discussions but also to experience the beauty and hospitality of Busan.

We sincerely look forward to welcoming you to Busan in May 2026 for an exciting and memorable ACSMO 2026.

**Byeng Dong YOUN**, Professor  
Seoul National University  
General Chair of ACSMO 2026

## Important Dates

**Deadline of Abstract Submission**  
February 13, 2026

**Acceptance Notification**  
March 13, 2026

**Registration Deadline for Presenters**  
March 27, 2026

**Deadline for Early Registrations**  
March 27, 2026

**Deadline for Regular Registrations**  
May 8, 2026

## Committee Members

**General Chair** Byeng Dong Youn,  
Seoul National Univ., Korea

**General Co-chairs** Yoshihiro Kanno, The Univ. of Tokyo, Japan  
Gang Li, Dalian Univ. of Technology, China

**Organizing Committee** Ikjin Lee, KAIST, Korea  
Gil Ho Yoon, Hanyang Univ., Korea  
Kwanjung Yee, Seoul National Univ., Korea  
Gang-Won Jang, Sejong Univ., Korea  
In Gwun Jang, KAIST, Korea

## Conference Topics

### 1. Optimization Methods

- 1.1 Optimization theory and algorithms
- 1.2 Design sensitivity analysis and global optimization
- 1.3 Parallel, grid, and high-performance computing in optimization
- 1.4 Multi-objective optimization
- 1.5 Heuristic and evolutionary methods

### 2. Structural Optimization

- 2.1 Size optimization
- 2.2 Shape optimization
- 2.3 Topology optimization: theory and methodology
- 2.4 Topology optimization: applications

### 3. AI based Analysis and Optimization

- 3.1 Artificial intelligence, machine learning, and deep learning
- 3.2 Generative design
- 3.3 Agent- and LLM-based analysis and design
- 3.4 Physics-informed AI modeling

### 4. Design under Uncertainty

- 4.1 Uncertainty quantification and propagation
- 4.2 Reliability analysis and reliability-based design optimization

- 4.3 Robust design optimization
- 4.4 Model verification and validation
- 4.5 Time-dependent reliability analysis and design

### 5. Approximations, Surrogates, and Metamodeling

- 5.1 Approximation techniques
- 5.2 Surrogate-based design optimization
- 5.3 Error and convergence study
- 5.4 Model order reduction and benchmarking studies

### 6. Multidisciplinary Design Optimization

- 6.1 Decomposition methods
- 6.2 Coordination strategies (architectures)
- 6.3 MDO applications

### 7. Optimization in Engineering Applications

- 7.1 Aerospace, automotive, and mobility systems
- 7.2 Architectural, civil, and structural engineering
- 7.3 Mechanical, manufacturing, and process engineering
- 7.4 Bioinspired, biomedical, and healthcare systems
- 7.5 Energy, environmental, and sustainable technologies
- 7.6 Smart and advanced systems

### 8. Other Related Topics for Optimization

## Abstract Submission Guideline

Authors are invited to submit one-page abstract in English by February 13, 2026. The abstract should be submitted via official online website ([www.acsmo2026.org](http://www.acsmo2026.org)). All abstracts will be reviewed by the scientific committee and accepted papers will be assigned to appropriate sessions for presentations at the conference. At least one of the authors must register for ACSMO 2026 for the abstract to be included in the proceedings.

## Awards

In this conference, the following awards will be presented: the ASSMO Award, the Fellow Award, the Young Scientist Award(USD 200, awarded to 3 recipients), and the Best Student Paper Award(USD 100, awarded to 9 recipients).

## Venue

BEXCO, Busan, Korea  
#55 APEC-ro, Haeundae-gu, Busan (Postal Code 48060)

## Registration Fee

Category	Early Registration (~March 27, 2026)	Regular Registration (~May 8, 2026)	On-site Registration
Regular	USD 500 / KRW 650,000	USD 600 / KRW 800,000	USD 700 / KRW 950,000
Student	USD 350 / KRW 450,000	USD 420 / KRW 550,000	USD 500 / KRW 650,000

\* Accompanying person fee: USD 100 / KRW 140,000  
(Includes admission to banquet and tour only)

## Contact Information

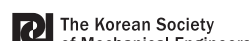
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