PAST & FUTURE of STRUCTURAL TRENDS

Structural design and construction in the traditional practice depended on one man, the master builder. The practice today is so varied that all the projects include many disciplines through technological breakthroughs and explosions of creativity, with new tools and building techniques leading to new forms. Architecture and structural engineering have always progressed as advances in technology and creativity push each other forward.

IASS 2027 Symposium on Past and Future of Structural Trends will

- *provide a unique forum to disseminate the knowledge of the most advanced technologies on Structures and Architecture,*
- *promote the comprehension of complex architectural and structural applications,*
- *enhance dialogue among worldwide professionals from broad range of disciplines and*
- *explore the historical and ontological aspects of the relationship between architecture and other engineering disciplines.*

The IASS 2027 Symposium is intended for an audience of researchers and practitioners world-wide with a background in architecture, structural engineering and engineering disciplines related to structure. It includes architects, structural and construction engineers, builders and building consultants, construction industry persons, academics, researchers, students, product manufacturers, material suppliers, project managers and other related disciplines.





THEMES & TOPICS

IASS Working Groups	Masts and Towers
	Continuous Shells
	Tension and Membrane Structures
	Metal Spatial Structures
	Timber and Bio-based Spatial Structures
	Computational Methods
	Structural Morphology
	Historical Spatial Structures
	Life-Cycle Design and Assessment of Shell and Spatial Structures
	Teaching Shell and Spatial Structures
	Advanced Manufacturing and Materials
	Architectural Geometry
	Shell and Spatial Structures for Energy Supply
Additional Topics	Transformable Structures
	Industrialized Spatial Structures
	Design, Control, and Optimization of Lightweight & Smart Structures
	AI in Architectural and Structural Design & Manufacturing
	BIM Technologies, Digital Twins in Design & Manufacturing
	Repair and Adaptive Reuse
	Early concrete structures and Ferrocement
	Construction and Fabrication Methods & Quality Controls
	Building Physics of Spatial Structures
	Temporary Spatial Structures

PRESENTATIONS

The official language of the Conference is English. All papers should be written and presented in English.

IASS2027

INTERNATIONAL SYMPOSIUM ON

PAST & FUTURE of STRUCTURAL TRENDS

05 –09 July 2027
Istanbul, Türkiye

IASS 2027

Organized by

MİMARLIK VAKFI
FOUNDATION FOR ARCHITECTURE-TURKEY

TURKISH FOUNDATION FOR ARCHITECTURE (MIV)

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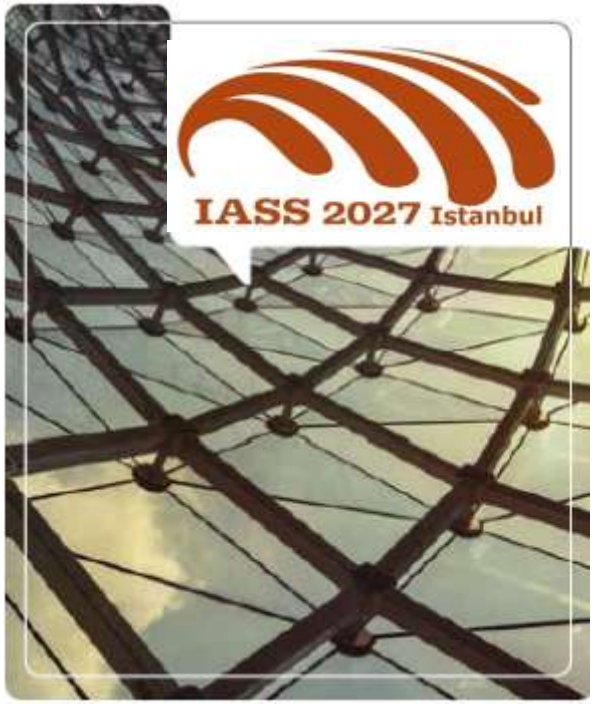
IMPORTANT DATES

Submission of Workshop proposals	***Nov. 09, 2026***
Submission of Special Session proposals	***Nov. 09, 2026***
Submission of Abstracts	***Jan. 22, 2027***
Acceptance of abstracts	***Feb. 26, 2027***
Submission of Full Papers	***March 29, 2027***
Acceptance of Full Papers	***May 10, 2027***
Final Submission of Revised Papers	***May 31, 2027***
Submission of Copyright agreement	***May 31, 2027***
Submission of Presentations	***June 28, 2027***

SUBMISSIONS

Authors are invited to submit their latest scientific and technical contributions related to the IASS Working Groups and the symposium themes, not later than the specified deadline. Authors will be asked to specify the theme their contribution is related. The abstract not exceeding 350 words with no tables and figures should be clear, aiming at giving a general overview of the paper. Submissions will be reviewed by the Scientific Committee of the IASS2027 International Symposium. Only papers registered and approved by the Scientific Committee will be included in the Symposium Proceedings.





ADVISORY COMMITTEE

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INSTITUTIONAL SUPPORTS

ECCS
European Convention for Constructional Steelwork

Structural Engineers World Congress

TMMOB Mimarlar Odası, Ankara, Türkiye
Chamber of Architects, Ankara Türkiye

Türk Yapısal Çelik Derneği
Turkish Constructional Steelwork Association

VENUE

ISTANBUL



YILDIZ TECHNICAL UNIVERSITY

Yıldız Technical University Conference Center,
Davutpaşa, İstanbul



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