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- Dr. Bala Maheswaran, Director, Engineering Division, Athens Institute & Professor, Northeastern University, USA.
- Dr. Nikos Mourtos, Head, Mechanical Engineering Unit, Athens Institute & Professor, San Jose State University USA.
- Dr. Ampalavanar Nanthakumar, Director, Sciences Division, Athens Institute & Professor, State University of New York (Oswego), USA.
- Dr. Theodore Trafalis, Head, Industrial Engineering Unit, Athens Institute, Professor of Industrial & Systems Engineering and Director, Optimization & Intelligent Systems Laboratory, The University of Oklahoma, USA.
- Dr. Virginia Sisiopiku, Head, Transportation Engineering Unit, Athens Institute & Professor, The University of Alabama at Birmingham, USA.
- Dr. Nadhir Al-Ansari, Vice President of Projects, Athens Institute & Professor, Lulea University of Technology, Sweden. (Soil Mechanics)
- Dr. Adrian Ionescu, Head, Computer Science Unit, Athens Institute & Professor, Wagner College, USA. (Mathematics & Computer)
- Dr. Haiduke Sarafian, Head, Natural Sciences Unit, Athens Institute & Professor of Physics and Endowed Chair of John T. and Paige S. Smith Professor of Science, Pennsylvania State University, USA. (Physics)
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The Athens Journal of Technology & Engineering (AJTE) is an Open Access quarterly double-blind peer reviewed journal and considers papers from all areas engineering (civil, electrical, mechanical, industrial, computer, transportation etc), technology, innovation, new methods of production and management, and industrial organization. Many of the papers published in this journal have been presented at the various conferences sponsored by the [Engineering & Architecture Division](#) of the Athens Institute. All papers are subject to Athens Institute's [Publication Ethical Policy and Statement](#).

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President's Message

All Athens Institute's publications including its e-journals are open access without any costs (submission, processing, publishing, open access paid by authors, open access paid by readers etc.) and is independent of presentations at any of the many small events (conferences, symposiums, forums, colloquiums, courses, roundtable discussions) organized by Athens Institute throughout the year and entail significant costs of participating. The intellectual property rights of the submitting papers remain with the author. Before you submit, please make sure your paper meets the [basic academic standards](#), which includes proper English. Some articles will be selected from the numerous papers that have been presented at the various annual international academic conferences organized by the different divisions and units of the Athens Institute for Education and Research. The plethora of papers presented every year will enable the editorial board of each journal to select the best, and in so doing produce a top-quality academic journal. In addition to papers presented, Athens Institute will encourage the independent submission of papers to be evaluated for publication.

The current issue is the third of the thirteenth volume of the *Athens Journal of Technology & Engineering (AJTE)*, published by the [Engineering & Architecture Division](#) of Athens Institute.

Gregory T. Papanikos
President
Athens Institute



Athens Institute for Education and Research

A World Association of Academics and Researchers

17th Annual International Conference on Civil Engineering **21-26 June 2027, Athens, Greece**

The [Civil Engineering Unit](#) of ATINER is organizing its 17th Annual International Conference on Civil Engineering, 21-26 June 2027, Athens, Greece sponsored by the [Athens Journal of Technology & Engineering](#). The aim of the conference is to bring together academics and researchers of all areas of Civil Engineering other related areas. You may participate as stream leader, presenter of one paper, chair of a session or observer. Please submit a proposal using the form available (<https://www.atiner.gr/2027/FORM-CIV.doc>).

Academic Members Responsible for the Conference

- **Dr. Dimitrios Goulias**, Head, [Civil Engineering Unit](#), ATINER and Associate Professor & Director of Undergraduate Studies Civil & Environmental Engineering Department, University of Maryland, USA.

Important Dates

- Abstract Submission: **24 November 2026**
- Acceptance of Abstract: 4 Weeks after Submission
- Submission of Paper: **24 May 2027**

Social and Educational Program

The Social Program Emphasizes the Educational Aspect of the Academic Meetings of Athens Institute.

- Greek Night Entertainment (This is the official dinner of the conference)
- Athens Sightseeing: Old and New-An Educational Urban Walk
- Social Dinner
- Mycenae Visit
- Exploration of the Aegean Islands
- Delphi Visit

Conference Fees

Conference fees vary from 400€ to 2000€
Details can be found at: <https://www.atiner.gr/fees>



Athens Institute for Education and Research

A World Association of Academics and Researchers

15th Annual International Conference on Industrial, Systems and Design Engineering, 21-26 June 2027, Athens, Greece

The [Industrial Engineering Unit](#) of ATINER will hold its 15th Annual International Conference on Industrial, Systems and Design Engineering, 21-26 June 2027, Athens, Greece sponsored by the [Athens Journal of Technology & Engineering](#). The aim of the conference is to bring together academics, researchers and professionals in areas of Industrial, Systems, Design Engineering and related subjects. You may participate as stream leader, presenter of one paper, chair of a session or observer. Please submit a proposal using the form available (<https://www.atiner.gr/2026/FORM-IND.doc>).

Important Dates

- Abstract Submission: **24 November 2026**
- Acceptance of Abstract: 4 Weeks after Submission
- Submission of Paper: **24 May 2027**

Academic Member Responsible for the Conference

- **Dr. Theodore Trafalis**, Director, [Engineering & Architecture Division](#), ATINER, Professor of Industrial & Systems Engineering and Director, Optimization & Intelligent Systems Laboratory, The University of Oklahoma, USA.

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- Mycenae Visit
- Exploration of the Aegean Islands
- Delphi Visit
- Ancient Corinth and Cape Sounion

More information can be found here: <https://www.atiner.gr/social-program>

Conference Fees

Conference fees vary from 400€ to 2000€

Details can be found at: <https://www.atiner.gr/fees>