



13th THE "A" Coatings • 6th ICMEN
International Conferences
October 5-6, 2017
Thessaloniki Concert Hall
Thessaloniki, Greece



History

➤➤ **THE "A" Coatings** Conference dates back to 1999, representing the mutual effort of three academic Institutions (THE):

- the Laboratory for Machine Tools and Manufacturing Engineering (EEDM), Aristotle University of Thessaloniki,
- the Institute for Production Engineering and Machine Tools (IFW), University of Hannover
- the Laboratory for Manufacturing Technology (LFT), University of Erlangen-Nuremberg

In 2013, the Institute of Surface Engineering (IOT), RWTH Aachen University was also engaged in this effort, while in 2017 the Physical Metallurgy Laboratory (PML) of the Aristotle University of Thessaloniki joined the board.

The aim of **THE "A" Coatings** is to establish an international forum on coatings technology and applications in the field of production engineering, embracing the state of the art and the future trends in coatings research and development.

➤➤ The International Conference on Manufacturing Engineering **ICMEN** was established during the Hellenic Chairmanship of EUREKA Σ 2001-2002 (www.eureka.be), aiming in strengthening synergies between people involved in scientific research and those having to meet the rapidly increasing demands of industrial applications.

The 13th **THE "A" Coatings** and the 6th **ICMEN** International Conferences will be held on October 5-6, 2017 in Thessaloniki, Greece. The venue that will host the conferences is Thessaloniki Concert Hall (<http://www.tch.gr>).



Information

Languages

The language of both conferences is English.

Dates

- Submission of full papers: **21 May 2017**
- Notifications on the review process results: **30 June 2017**
- Submission of improved papers: **30 June 2017**
- Notification of final acceptance: **15 July 2017**

In exceptional cases, authors who will commit themselves to participate and present can submit only an abstract.

Information

More information can be found on the conferences website:

<http://thea-icmen.web.auth.gr>

Authors

Papers for the "THE-A Coatings" conference should be sent to: 13th-thea-coatings@meng.auth.gr and for "ICMEN" to: 6th-ICMEN-2017@meng.auth.gr.

Conference proceedings will be published (after regular review), in special issues of cited journal.

Participation fees

The participation fee to both conferences is 400€. The fees cover the cost for the conferences' proceedings, participation to coffee breaks, lunches, dinners and all social events. The participation fee is 250 € for citizens of Romania, Bulgaria, Serbia and Albania and 100 € for accompanying persons.

Contacts

For any further information please contact the conference secretariat.

Tel.: (+30 2310) 996028, 996027, 996026, 995891

Fax: (+30 2310) 996069

E-mails: 13th-thea-coatings@meng.auth.gr,

6th-ICMEN-2017@meng.auth.gr



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Topics

"THE-A" Coatings

- PVD- or CVD-coated tools
- Plasma/thermal sprayed coatings
- Diamond and DLC coatings
- Tribological coatings
- Coatings on machine elements and components
- Substrate and coating surface treatments
- Properties characterization
- Deposition processes
- Coatings in electronics
- Future trends in metallurgical coatings and thin films, in the field of manufacturing
- Bio-applications
- Coating tribology
- Anti-corrosion coatings
- Coatings characterization
- Surface engineering

ICMEN

- Fundamentals of friction and wear
- Tribology in manufacturing processes
- Cutting
- Grinding
- Gear manufacturing
- Lasers and electro-discharge machining
- Forming
- Concurrent engineering and rapid prototyping
- Casting, die casting and thixo-forming
- Surfaces and materials characterization
- Robots in manufacturing environments
- Machines and devices
- Bearings and other machine elements
- CAD-CAM systems, virtual manufacturing
- Manufacturing systems and process planning
- Assembly
- Logistics in manufacturing
- Bioengineering
- Energy consumption aspects in manufacturing processes



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