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 (ΕΕΔΜ), Aristotle University of Thessaloniki, the Institute for Production Engineering and Machine Tools (IFW), University of Hannover and 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 was established during the Hellenic Chairmanship of EUREKA 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).

Languages
The language of both conferences is English.

Dates
- Submission of full papers: 31 March 2017
- Notifications on the review process results: 30 April 2017
- Submission of improved papers: 30 May 2017
- Notification of final acceptance: 15 June 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 (will be launched soon)

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

**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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