



presentation



ADVANCED
MATERIALS
& OPERATIONS
SOCIETY

Advanced Materials and Operations Society

One of the main priorities of the European Union is the stimulation of cooperation between academia and industry to aid the improvement of competitiveness. Expanding and improving the connections between manufacturers and scientists is one of the sure ways to encourage innovation – both in terms of research and application.

The **Advanced Materials and Operations Society (AMO)**, established with Decision 1 / January 6th 2009 of the Sofia City Court, has taken upon the ambitious goal to stimulate the creation of these connections. The abbreviation AMO was born in the distant 1983 during the first international scientific conference **AMO '83**.

The Society has two main goals:

- To provide a medium for interaction between experts working towards developing new solutions – both from academia (the members of **AMO** Society are scientists from all technical universities in Bulgaria and from a number of foreign universities) and from the industry.
- To stimulate the international activity of its members through two main initiatives:
 - The publication of a prestigious international scientific magazine, **AMO Journal**. Scientific papers are accepted for publication in AMO Journal by an international Editorial Board after the consideration of two independent reviews. The reviewers address both the scientific significance of the papers and the observance of the technical requirements for publications, established by the society. These requirements are in line with the established international conventions and aim at achieving a higher level of publications and consequently their future success. **AMO Journal** runs regular columns for PR activities of both leading industrial organizations and established scientists. One of the main goals of AMO Journal is to have the articles referred in international databases, and in this way increase the popularity of **AMO society** members.
 - Organizing an international scientific and technical conference **AMO Conference**. The goal of **AMO Conference** is to establish an annual forum for the exchange of high-quality research, presentations and demonstrations of industrial products. The next **AMO Conference** will be held in June 2009 in Kranevo, Bulgaria.

AMO Society Statutes:

Art.6. AMO Society defines its main objectives as follows:

(1) To create an international scientific-technical society of distinguished scientists and specialists with high assessment criteria with respect to the results of the activity of its members both from the scientific circles and the leading business companies.

(2) To provide conditions and means of submitting to the public the results of the activity using the approved methods of AMO Society.

(3) To aid the creation of creative and organizational relations within and out of the society with other fields of science and technology.

(4) To perform systematic work on enhancing the prestige of its members and partners using PR and advertising tools.

(5) To render assistance in order to improve the market positions of its members and partners by presenting the products of their activity and engaging the authority of the society.

(6) To form a human resources center in the science-technical and industrial area.

AMO Society works in the following areas:

- Mechanical processing and production systems.
- Materials and material-processing technologies and systems.
- Non-conventional and combined methods for processing.
- Mechatronics and mechatronic systems.
- Technologies, machinery and systems in mining.
- Renewable energy technologies and systems.
- Micro- and nanotechnologies and systems.
- Computer integrated manufacturing and CAD/CAM/CAE.
- Industrial clusters.
- Robotics and automation.
- Research methods and control of materials, machinery and processes.

So far (March 2009) more than 300 scientists and experts from over 25 countries have registered their support for the Advanced Materials and Operations idea.

AMO Society has members in the following countries:

Bulgaria
Poland
Germany
Romania
Czech Republic
Serbia
Croatia

Macedonia
Slovak Republic
Russia
Hungary
Austria
Japan
Byelorussia

The Ukraine
Algeria
France
Greece
Belgium
Korea
and others.



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