

Preface

The 8th International Conference of Advanced Manufacturing Technologies, ICAMaT 2015, was held under the high patronage of the Romanian Academy, in the interval 29 - 30 October 2015 in Bucharest, Romania, at the “POLITEHNICA” University of Bucharest, Faculty of Engineering and Management of Technological Systems (IMST), with the remarkable participation of experts from Romania, Algeria, France, Greece, Lebanon, Russia, Serbia and Slovakia.

The first ICAMaT Conference was held in 1999 under the acronym CITAF (derived from the abbreviation in Romanian) at the initiative of the Manufacturing Engineering Department (TCM) and had a national character. The following Conference sessions were held almost every two years and attracted increasingly more specialists.

Since 2005, with the clear prospect of Romania’s accession to the European Union, the conference takes on an international character and changes its name to ICAMaT - International Conference on Advanced Manufacturing Technologies. Ever since this Conference session there has been a continuous increase in the number of participants from home and abroad, as well as in the number of published papers.

The Conference successfully brought together engineers, researchers and professors, specialists in various fields, such as Product Development, CAD, CAM, CAE, CIM Techniques and Concurrent Engineering, Cutting Processes, Cutting Tools and Forming Technologies, Manufacturing Technologies, Non-conventional Technologies, Technological Equipment and Automation, Management, Production Planning, Production Quality and Engineering Education. Experts from Romania and from other countries have come up in plenary sessions with valuable works which contributed to the increase in the scientific level of the Conference.

75 articles were initially entered and, after review, were accepted and presented 38 articles. Reviewers, who remained anonymous for the Authors obviously had a remarkable contribution in reviewing the manuscripts and made valuable suggestions which led to a higher quality of the Conference works. The Editors would like to express their sincere and grateful thanks to all reviewers.

Last but not least, we wish to express our gratitude to the ICAMaT Conference sponsors: SC Cenit SRL and ALUMNI-IMST Association.

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