

Preface

International Conference Advances in Engineering and Management – ADEM was organized by the Department of Engineering and Management of Technological Systems, Faculty of Mechanics, University of Craiova. The conferences start in 2010, are held every two years and have reached to the fourth edition in 2016. In 2016, the conference was organized in collaboration with Dolj County Council and Pronanomat Association.

Papers authors from prestigious universities, research centers and industry announced the participation at the ADEM 2016 International Conference totalizing more than 69 papers from 5 countries.

At the conference, most of the papers were presented, with few exceptions, and from those which were submitted as complete papers, were selected for publication-37.

The book is structured in 5 chapters according to ADEM 2016 conference sections:

- Advanced Materials and Processing Technologies
- Modeling and Simulation in the Designing
- Environmental Engineering
- Maritime and Inland Transport Systems
- Management and Industrial Engineering

Thanks from organizers are brought to the invited speakers and for all the authors who came to the conference to share from their research and experience and all those whose work is less visible, reviewers, members of the scientific committee and those which were involved in the organization.

The realization of this scientific event was also possible due to the important financial involvement of our generous sponsors, whom, as organizers, we would like to thank.

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