



PREFACE

The 23rd DAAAM International Symposium on Intelligent Manufacturing and Automation took place at the University of Zadar, Croatia, between 24th and 27th October 2012.

This proceedings contains 276 refereed papers from 605 authors presented at the 23rd DAAAM 2012. In the DAAAM proceedings since first symposium in 1990 we published papers from 7713 authors. The papers discuss all aspects of modern manufacturing and automation and are presented in following sections: Algorithms, Artificial Intelligence, CAX, Computer Integration, Control, Cutting Tools, Design, FEM, Invited Lectures, Knowledge, Management, Manufacturing System, Mechatronics, Methodology, Methods, Modeling, Optimization, Poster section, Robotics, Simulation, Technical Solutions, Technology and Trends

We wish to thank the Scientific, Program and Review Committee members who did an excellent job in reviewing papers and providing feedback to the authors.

Finally, we wish to thank all the authors who submitted papers, making this conference possible, and the authors of accepted papers for updating their papers with care and patience during the lengthy production of these proceedings.

Special thanks to Festo company for support of our activities and support of young researchers and scientists in the form of Festo Prize and Festo scholarships for the participants of the 1st DAAAM International Doctoral School, which was held parallel to the symposium and interacted positively each other.

We would like to thank the rector, management and all those nice colleagues from the University of Zadar for their excellent support in the organization of 23rd DAAAM International Symposium and the 1st DAAAM International Doctoral School.

Zadar, 2012-10-26

President of DAAAM International Vienna
Univ. Prof. Dipl.-Ing. Dr. techn. Dr.mult..h.c.

A handwritten signature in black ink, appearing to read 'Branko Katalinic', is placed over a horizontal line.

Branko Katalinic



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