

Preface

This year Athens, Greece is hosting the International Congress on Precision Machining (ICPM), organized for the 9th time. The history of the Congress goes back to 2001, when the J.E. Purkyne University in Usti nad Labem (Czech Republic) organized the first of the series. ICPM is a biennial event supported continuously by the ICPM board, with its commitment towards maintaining the respect of the profession.

The previous Congress hosts were:

- 1st ICPM 2001 J.E. Purkyne University, Usti nad Labem, Czech Republic.
- 2nd ICPM 2003 Technical University, Prague, Czech Republic.
- 3rd ICPM 2005 Vienna University of Technology, Vienna, Austria.
- 4th ICPM 2007 Kielce University, Sandomierz, Poland.
- 5th ICPM 2009 Technical University Kosice, Vysoke Tatry, Slovakia.
- 6th ICPM 2011 Liverpool John Moores University, Liverpool, United Kingdom.
- 7th ICPM 2013 University of Miskolc, Miskolc, Hungary.
- 8th ICPM 2015 University of Novi Sad, Novi Sad, Serbia.

The aim of the Congress is to bring together professionals working in the same field to provide an opportunity to exchange views and the newest results in scientific research, thus enriching and possibly amplifying one another's achievements.

The issues of the ICPM cover a wide range of precision machining and processes as well as related topics such as precision machining, micro- and nano-machining, cutting tools, analysis of surfaces and machining accuracy, modeling and simulation, abrasive processes, non-conventional machining, manufacturing systems for precision machining, production and assembly and precision engineering and applications. The major goal of the Congress is to search for methods to provide increased quality, endurance and reliability of products at reduced production and assembly costs.

For the fulfillment of this goal, the Congress has been generously supported by the Section of Manufacturing Technology of the School of Mechanical Engineering, National Technical University of Athens. Special thanks are due to the organizers of the Congress, to the members of the Scientific Committee and, last but not least, to the reviewers.

Let us express our gratitude to all of the supporters and to all of our colleagues, who have wholeheartedly worked towards the success of ICPM in Athens. We believe that all the participants had a pleasant time in Greece, made new professional contacts and acquired inspiration for the tasks ahead.

Athens, September 2017

Ass. Prof. Dr. Angelos P. Markopoulos

Chairman of the Congress

Prof. Dr. George-Christopher Vosniakos

Co-Chairman of the Congress

Committees

Congress Chairman: As. Professor Angelos P. Markopoulos

Congress Co-Chairman: Professor George-Christopher Vosniakos

Congress Secretary: Dr. Protesilaos Kostazos

ICPM Honorary Board (HB)

Prof. Dr. František Holešovský, 1st ICPM, J.E. Purkyne University, Usti nad Labem, CZE

Prof. Dr. Jan Madl, 2nd ICPM, Technical University, Prague, CZE

Prof. Dr. Herbert P. Osanna, 3rd ICPM, Vienna University of Technology, Vienna, AUT

Prof. Dr. Stanislaw Adamczak, 4th ICPM, Kielce University, Sandomierz, POL

Prof. Dr. Jozef Novak-Marcincin, 5th ICPM, Technical University Kosice, Vysoke Tatry, SVK

Prof. Dr. Michael N. Morgan, 6th ICPM, Liverpool John Moores University, Liverpool, GBR

Prof. Dr. János Kunderák, 7th ICPM, University of Miskolc, Miskolc, HUN

Prof. Dr. Pavel Kovač, 8th ICPM, University of Novi Sad, Novi Sad, SRB

International Scientific Committee (ISC)

| | | | |
|----------------------------------|-----|---------------------------|-----|
| Professor Aristomenis Antoniadis | GRE | Professor János Kodácsy | HUN |
| Professor Jan C. Aurich | GER | Dr. Panagiotis Kyratsis | GRE |
| Professor Pantelis Botsaris | GRE | Professor Steven Y. Liang | USA |
| Professor Erhan Budak | TUR | Professor Xichun Luo | GBR |
| Professor Kai Cheng | GBR | Professor Ildiko Mankova | SVK |
| Professor J. Paulo Davim | POR | Dr. Balázs Mikó | HUN |
| Professor Hui Ding | CHN | Professor Alina Minea | ROM |
| Professor Oana Dodun | ROM | Professor Mohamed Nasr | EGY |
| Professor Numan M. Durakbasa | AUT | Dr. Akinjide Oluwajobi | NIG |
| Professor Józef Gawlik | POL | Professor Tibor Szalay | HUN |
| Dr. Saurav Goel | GBR | Professor Ioannis Tsiafis | GRE |
| Dr. Witold Habrat | POL | Professor Raul Turmanidze | GEO |
| Dr. Dehong Huo | GBR | Professor Wojciech Zębala | POL |
| Professor Béla Illés | HUN | Professor Junjie Zhang | CHN |