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[www.targi.krakow.pl](http://www.targi.krakow.pl)

Warsaw, 12<sup>nd</sup> December 2013

## 1st Announcement of International Congress “CAX Innovation 2014” (Computer Techniques in Aiding Engineering) 14<sup>th</sup> – 16<sup>th</sup> October 2014, Cracow

Polish Association for the Dissemination of Computer Engineering Systems ProCAX together with the Institute of Fundamentals of Machinery Design of the Silesian University of Technology, the Institute of Machinery Technology and Production Automation of the Cracow University of Technology and The Faculty of Mechanical Engineering and Aeronautics of the Rzeszow University of Technology, with the logistic participation of Trade Fairs in Cracow Ltd (Targi w Krakowie sp. z o. o.), would like to invite you to take part in International Congress “CAX Innovation 2014”, which will be held in Cracow during 19<sup>th</sup> International Trade Fairs EUROTOOL®.

**Dates:** 14<sup>th</sup> – 16<sup>th</sup> October 2014

**Conference Venue:** New Convention Centre, ul. Centralna 14A, Kraków ([www.expo.krakow.pl](http://www.expo.krakow.pl))

Within the Trade Fairs EUROTOOL® Exhibition of CAX is organized, where the use of all the most important techniques in modern CAX industry will be shown, and in the conference part, during thematic sessions papers will be discussed illustrating the use of CAX techniques throughout the whole process of design and manufacturing “from the idea to the final product”.

### Scientific Committee:

- 1) Włodzimierz ADAMSKI PhD, PZL Mielec, A Sikorsky Company;
- 2) Wiesław BARNAT PhD DSc prof. at TMA – Faculty of Mechanical Engineering, Technical Military Academy;
- 3) Jan DUDA PhD DSc prof. at CUT - Faculty of Mechanical Engineering, Cracow University of Technology;
- 4) Jacek JANISZEWSKI PhD DSc – Faculty of Mechatronics and Aeronautical Technical Military Academy;
- 5) Janusz LELITO PhD DSc – AGH Cracow;
- 6) Jerzy MAŁACHOWSKI PhD DSc prof. at TMA – Faculty of Mechanical Engineering, Technical Military Academy;
- 7) Prof. Jerzy POKOJSKI PhD DSc  
- Faculty of Automotive and Construction Machinery Engineering, Warsaw University of Technology;
- 8) Barbara PUTZ PhD DSc prof. at WUT – Faculty of Mechatronics, Warsaw University of Technology;
- 9) Wojciech SKARKA PhD DSc prof. at SUT – Faculty of Mechanical Engineering, Silesian University of Technology;
- 10) Piotr SKAWIŃSKI PhD DSc  
- Faculty of Automotive and Construction Machinery Engineering, Warsaw University of Technology;
- 11) Jerzy SOBOLEWSKI PhD DSc prof. at WUT - Faculty of Automotive and Construction Machinery Engineering, Warsaw University of Technology;
- 12) Józef S. SUCHY PhD DSc – AGH Cracow;
- 13) Marek WYLEŻOŁ PhD DSc – Faculty of Mechanical Engineering, Silesian University of Technology, Scientific Secretary.

### Thematic sessions (to be selected by the participant):

- A. Design (CAD)
- B. Reverse Engineering (including 3D scanning) (RE)
- C. Computational Engineering (CAE)
- D. Manufacturing Process Planning (including CAPP, CAAPP, CAM, and CNC)
- E. Bioengineering (CAME)
- F. CAX for Foundry and Metallurgy

### Detailed objectives

1. Trends in the development and applications of CAx engineering computer systems;
2. Educational problems in the field of CAx systems;
3. Integrative role of the ProCAx Association

### Organizational forms

During the fairs, ([www.eurotool.krakow.pl](http://www.eurotool.krakow.pl)) Exhibition of CAx Technology will be held and within it the following will be available:

1 / **POSTER ISLAND ProCAx**, i.e. a stall, at which we will show:

1. the works of Congress participants in a form of POSTER, format A1
2. prototypes of different devices, made by the latest CAx techniques.

2 / **Ordered lectures** (one lecture in each thematic session). The authors of the lectures will be outstanding representatives of scientific and industrial centres as well as experienced users of CAx engineering computer systems.

3 / **Thematic sessions** in which authors will discuss their papers on the 15<sup>th</sup> and 16<sup>th</sup> October. Presentation is scheduled for approximately 20 minutes (video projector and screen available)

### Publications

Publications of the submitted papers, following a favourable review of the Scientific Committee will be accepted for publication as an article, the best ones in English-language journal, and the remaining ones in monthly magazine MECHANIC and so called Virtual Library on ProCAx site. We would like to invite university organizational units (chairs, divisions, departments) from both Polish and foreign technical universities to prepare posters and present their achievements in the area of CAx. The deadline for submission of posters and papers is the 30<sup>th</sup> June 2014. A1 poster requirements and guidelines for papers will be available at ProCAx site ([www.procac.org.pl](http://www.procac.org.pl))

### Accommodation

Accommodation from 14<sup>th</sup> to 17<sup>th</sup> October at ORIENT HOTEL \*\*\*\* ([www.hotelorient.pl](http://www.hotelorient.pl)).

The participants are requested to arrive on the 14<sup>th</sup> October 2014, in the afternoon. On the 15<sup>th</sup> and 16<sup>th</sup> October 2014 a bus will be available from the hotel to the fairs and from the fairs to the hotel.

### Participants and applications

In order to participate in the Congress it is necessary to send APPLICATION FORM. It is downloadable at [www.procac.org.pl](http://www.procac.org.pl) and [www.caxinnovation.pl](http://www.caxinnovation.pl)

### Fees for Polish and foreign participants

1) The conference fee is - 400 zł or 100 EUR (preparation of publications, materials), PhD, students and members of ProCAx, pay a reduced rate - 200 zł or 50 EUR.

2) Accommodation fee - 800 zł or 200 EUR (accommodation in hotel - 3 nights, meals and transport to and from the fairs). **Deadline for payment 30<sup>th</sup> June 2014.**

ProCAx Account: Bank **BGŻ 42 2030 0045 1110 0000 0301 0520** with the note "Congress Krakow"

### Contact with the organizers

The main communication channel with the participants of the **Forum** will be Internet and e-mail. All organizational information related to the preparation will be posted on the ProCAx Association sites. i.e. [www.procac.org.pl](http://www.procac.org.pl) and [www.caxinnovation.pl](http://www.caxinnovation.pl)

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**We would like to invite warmly all those interested in the use of CAx techniques to take active part in the Congress.**

**Key words:** ProCAx, Engineering Forum, EUROTOOL Trade Fairs, 3D system, CAD, CAM, CAE, MES, RP- rapid prototyping, RM - rapid manufacturing, rapid modeling, RT- rapid tooling, 3D printers, RE - reverse engineering, 3D scanners, CAx techniques in aiding engineering, VR - virtual reality.