



THE FIFTH ANNOUNCEMENT

Call for Papers

The 3rd International Conference on Design Engineering and Science August 31 – September 3, 2014, Pilsen, Czech Republic

Organizer:

Japan Society for Design Engineering

Co-organizer(under the auspices of):

University of West Bohemia and
the City of Pilsen

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Eiji MUTOH

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Kazuyuki SASAJIMA, President, JSDE

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Secretariat: Jiri BARTAK, UWB

Administration: Josef DVORAK, UWB

Accommodation and Social Program: Parkhotel



Date:

August 31 (Sun) – September 3 (Wed), 2014

Conference site:

Parkhotel, U Borskeho parku 31, 320 04 Plzen, Czech, <http://www.parkhotel-czech.eu/>

Access: Prague 90km, Nuernberg 180km, Muenich 290km, Vienna 350km, Berlin 410km
Paris 1000km Milano 780km and 2km from Pilsen city center.

International Roads: E50, E53, E49 and Motorway D5.

Airport: Prague Ruzyně 80km (using D5)

Scope of the conference:

Nowadays the globalization in design engineering and science field has been rapidly progressing under the background of the evolution of the computer and information technology. The systematization and reorganization of the academic field are advanced in many nations in the world. The Japan Society for Design Engineering (JSDE) was established as the Japan Society for Mechanical Design and Drafting in 1966 and has continued to contribute to the development of the design engineering especially in mechanical engineering field through the annual conferences and publishing the journals. Many researchers, engineers and educators in the world met at ICDES2005 in Vienna and ICDES2010 in Tokyo and discussed on many issues on design engineering and science. Then the third conference will be held in 2014 in Pilsen, Czech under the auspices of the City of Pilsen and the University of West Bohemia. The conference will also promote strong interactions between academic and industry in all the aspects of design engineering and science, including human resource development and education. Moreover, JSDE is going to link up with the Design Society (DE) and its Design Education Special Interest Group (DE SIG) of United Kingdom.

Main theme:

The theme of ICDES2014 is then set as

New Role of Design Engineering and Science

Technical Sessions:

In addition to the regular tracks of technical presentations, the technical program will also feature several invited sessions with country, industry and technological specific theme. Special emphasis will be placed on the innovation in design engineering and science. Topics of interest include, but are not limited to the followings:

- (1) Design Methodology
Design process, Evaluation of design, Design assurance, Conceptual design, Ethics in design, Design strategy, Reliability, Mechatronics design
- (2) Design and Development
Design of mechanical elements, Mechanical synthesis, Robotics, Linkage, Cam mechanism, Die cast, Biomedical device, Control system design, Welfare device, Vehicle dynamics design, Thermal design, Strength of materials, Human engineering
- (3) Design and Production
Design management, Life cycle design, Producibility, Production planning, Inverse manufacturing, Reverse engineering, Recycling technology, Machine tool, Automation design, KANSEI
- (4) CAD/CAM/CAE
Computer graphics, 2D/3D-CAD, CAM, Database, Tool path design, Expert system, Rapid prototyping, Finite element method, Optimization method, Dynamical simulation, Modeling, Artificial Intelligence
- (5) Accuracy and Measurement
Surface characteristics, Tribology, Tolerance, Truncation, On-machine measurement, Industrial standard
- (6) Design Education
Creative design education, Project based learning, CAI, Virtual reality, e-learning, Technology transfer, On hand learning, Robot contest, Active learning
- (7) Others Related to Design Engineering and Science and Workshop with the Design Society and the Design Education SIG.

Organizing Committee:

Chair: Tohru KANADA, Kanto Gakuin Univ.
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Invited session: Keiichi WATANUKI, Saitama Univ.
Program: Toshio OTAKA, Kokushikan Univ.
Publication: Koki KIKUCHI, Chiba Inst. of Tech.
Paper Review: Koki KIKUCHI, Chiba Inst. of Tech.
Award: Hideki AOYAMA, Keio Univ.
Conference site: Stanislav HOSNEDL, UWB
General affairs and Secretariat:
Masayuki OCHIAI, Tokai Univ.

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Partners and/or Sponsors:

(to be fixed)
Japan Society for Design Engineering (JSDE)
Japan Society for Graphics Science (JSGS)
Japanese Society for the Science of Design (JSSD)
Japanese Council of IFToMM
The Japan Society of Mechanical Engineers (JSME)
The Japan Society for Precision Engineering (JSPE)
The Robotics Society of Japan (RSJ)
Japanese Society of Tribologists (JAST)
The Society for Automobile Engineers of Japan(JSAE)
The Society of Instrument and Control Engineers (SICE)
Japanese Society for Engineering Education (JSEE)
The Surface Finishing Society of Japan
Japan TRIZ Society
Japan Creativity Society
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Nihon Printing (Nihon Insatsu) Co., Ltd.
Japan Mechanical Design Industries Association (JMDIA)
Mutoh Industries Ltd.
PTC Japan Corp.
Plzensky Prazdroj (Pilsen brewery)
SKODA AUTO a.s.
City of Pilsen
University of West Bohemia
Municipal Government of City of Pilsen
Council of Pilsen Region

Conference Secretariat:

If you have any questions or proposals on ICDES2014, please contact the following secretariat:

Asst. Prof. Masayuki OCHIAI
Department of Mechanical Engineering,
School of Engineering (Shonan Campus),
Tokai University
E-mail: icdes2014@jsde.or.jp

Program (Tentative):

August 31 (Sun) Registration from afternoon (with soft drinks)
September 1 (Mon) Opening ceremony, Special speech and
Technical sessions (parallel)
September 2 (Tue) Technical sessions (parallel)
Buffet dinner (Banquet)
September 3 (Wed) Technical sessions (parallel)
Closing ceremony

Submission Procedure:

Submission with a full-length paper should be sent by the end of October, 2013 to the Program Chairman in the following way:

Only E-mail submission: send a file in PDF format attached with the E-mail to:

icdes2014@jsde.or.jp

with the subject "Application of ICDES2014 "

Please include a cover page with name, address, affiliations, contact telephone/fax numbers, and E-mail address of the correspondence author, and title of the paper, five keywords to indicate the subject area of the paper, and the technical session name for the paper.

You can download the format of cover page and paper contents from the Conference Website as mentioned below. Please comply with the rules in the format file (WORD doc or docx file).

Deadlines:

Submission of contributed papers	October 31, 2013
Notification of acceptance of contributed papers	January 31, 2014
Submission of camera ready manuscripts	March 31, 2014
Conference program	April 30, 2014
Deadline for early registration	July 31, 2014

Conference Website:

More details are available in the following conference website:

<http://www.jsde.or.jp/icdes2014>

Anyone can download the author's kit and register to the conference from the website.

Conference fees (per one person):

The conference fee includes registration, proceedings, coffee/tea breaks.

Attendee with banquet (including speaker)	50,000 Jpn yen 60,000 Jpn yen
Student attendee with banquet (including speaker)	25,000 Jpn yen 25,000 Jpn yen
Attendee without banquet	40,000 Jpn yen 50,000 Jpn yen
Student attendee without banquet	15,000 Jpn yen 15,000 Jpn yen
Banquet fee for an additional guest (including student)	10,000 Jpn yen 10,000 Jpn yen

Upper fee is applied for early registration (end of July, 2014) and lower fee is applied after August 1, 2014.

Optional programs:

The organizing committee is now planning the social program for accompanying people. They will be announced soon at the website. That must be interesting.

