



## The 3rd International Conference on Design Engineering and Science

August 31 – September 3, 2014, Pilsen, Czech Republic

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

### Brief Information and Preliminary Invitation (Ver. 2)

**Organizer:**

Japan Society for Design Engineering (JSDE)

**Co-organizer** (under the auspices of):

University of West Bohemia (UWB),  
the City of Pilsen, and Pilsen Region

**Honorable Chairman:**

Eiji MUTOH

**Conference Chairman:**

Kazuyuki SASAJIMA, President, JSDE

**Conference site:**

**Parkhotel, U Borskeho parku 31, 320 04 Plzen, Czech Republic**

<http://www.parkhotel-czech.eu/>

**Access:**

Prague 90km, Nuernberg 180km, Muenich 290km, Vienna 350km,  
Berlin 410km, Paris 1000km, Milano 780km and 2 km from Pilsen city center  
International Roads: E50, E53, E49 and Motorway D5  
Airport: Prague Vaclav Havel Airport 80km (using D5)



**Main theme:**

The theme of ICDES2014 is set as

***New Role of Design Engineering and Science***

**Technical Sessions:**

**(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**

**Program ( Tentative ):**

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

**Special speeches:**

- (1) Design Methodology and Design Science – Are we aware what we are doing in Design Research?  
by Prof. Herbert Birkhofer (Darmstadt University of Technology) on September 1.
- (2) Visions for Cooperation of the World Design Societies  
by Prof. Christopher McMahon (University of Bristol) on September 2.

**Conference fees (per one person in Japan yens – JPY)**

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

<b>Registration:</b>	<b>before July 31, 2014</b>	<b>after August 1, 2014</b>
Attendee with banquet (including speaker)	50,000 JPY	60,000 JPY
Student attendee with banquet (including speaker)	25,000 JPY	25,000 JPY
Attendee without banquet (including speaker)	40,000 JPY	50,000 JPY
Student attendee without banquet (including speaker)	15,000 JPY	15,000 JPY
Banquet fee for additional guests (including student)	10,000 JPY	10,000 JPY

**Organizing Committee:**

**Chair:** Tohru KANADA, Kanto Gakuin Univ.

**Co-chair:** Stanislav HOSNEDL, UWB

**Co-chair:** William ION, University of Strathclyde

**Treasure:** Nobuyuki IWATSUKI, Tokyo Inst. of Tech.

**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.

**Awards:** Hideki AOYAMA, Keio Univ.

**Conference site:** Stanislav HOSNEDL, UWB

**General affairs and Secretariat:**

Masayuki OCHIAI, Tokai Univ.

**Paper Review Committee:**

**Chair:** Koki KIKUCHI, Chiba Inst. Of Tech.

**Paper Award and Student Award committee:**

**Chair:** Hideki AOYAMA, Keio Univ.

**Local Organizing Committee:**

**Honorary Chair:** Miroslav SIMANDL, UWB

**Chair:** Stanislav HOSNEDL, UWB

**Secretariat :** Vaclav VANEK, UWB

**Administration:** Josef DVORAK, UWB

**Accommodation and Social Program:**

Petra HANAKOVA, Parkhotel

**Optional programs:** The following three plans are introduced in the ICDES 2014 web site.

**Plan A :** Cesky Krumlov,

**Plan B:** Karlovy Vary

**Plan C:** Pilsen

*Plan C will be supported by the sponsorship from Plzensky Prazdroj (Pilsen Brewery).*



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