22-24 April, 2013

University of Aveiro Portugal

16th annual ESAFORM **Conference on Material Forming**

http://esaform2013.com info@esaform2013.com **Conference Chairmen**

Ricardo Alves de Sousa Robertt Valente

Important Dates

- One-page Abstracts October 1st, 2012 Abstracts Acceptance - November 1st, 2012
- Paper Submission December 1st, 2012
- Reviewed Papers deadline January 15th, 2013

Conference fees

Early Registration fee (before February 1st):

Conference Location Universidade de Aveiro

Portugal GPS 40.629519, -8.655409

Campus de Santiago

3810-193 Aveiro

600€ (Regular) 500€ (Student - including banquet) 420€ (Student - without banquet)

Late Registration fee:

700€ (Regular)

550€ (Student - including banquet) 470€ (Student - without banquet)

Accompanying Person Banquet Ticket: 80€

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Conference Format

The conference is structured into several mini-symposia, following the format of parallel sessions. Plenary lectures given by outstanding researchers from both scientific and industrial fields will also be carried out. Full Mini-Symposia list will be available at the conference website (www.esaform2013.com).

Conference proceedings will be published in Key Engineering Materials (KEM) Journal, Trans Tech Publications (TTP), which is indexed by ISI, Elsevier, SCOPUS, Ei Compendex, CPX, Cambridge Scientific Abstracts, among others. The periodical is online and available in full text via www.scientific.net.

Additionally, the Organizers will select a number of full extended papers, based on originality and significance of unpublished results, which will be submitted and subjected to the standard review process of the International Journal of Plasticity. The accepted papers after the revision process will appear in a special issue of this journal dedicted to the Esaform2013 Conference.

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The 16th annual ESAFORM Conference on Material Forming will be held at the University of Aveiro, Portugal, aiming to cover a multitude of disciplines related to material forming. These materials include metals, polymers, ceramics and composites. Unconventional materials, as for example biomaterials, can be also of interest. All traditional and innovative plastic forming processes are considered relevant. It is then expected that a variety of techniques and formulations, including theoretical analyses, experimental testing and numerical simulations, etc. will be covered and discussed. A good combination of fundamental approaches and applied science would be particularly welcomed.

Aveiro is located on the shore of the Atlantic Ocean and is worldwide known for its canals, seafood and traditional "egg sweets". It is sometimes called "The Portuguese Venice" due to its canals and boats, and as the city have faced similar problems when it tried to conquer the water. The city dates back at least to the 10th century when it was known by its first Latin name of Aviarium, literally, "a place with a watercourse". The Moors invaded the city and then held it until the 11th century, after which it became popular with Portuguese royalty. Aveiro is also famous for its production of salt and for its seaweed harvest, which is used for fertiliser in the area. The University of Aveiro has consistently been ranked as one of the best in Portugal, mainly in science, technology and engineering. In 2009 it was ranked 38th in Europe and 137th position in the world in the area of Engineering. The University of Aveiro is the only Portuguese institution represented in the ECIU network (The European Consortium of Innovative Universities), having been ranked as the top Portuguese University by the British journal Times Higher Education (THE) in 2011. The University has over 14 thousand students among which more than 3 thousand are post-graduate.

Goals of the ESAFORM Association

The European Scientific Association For Material Forming (ESAFORM) was formally created in January 1997 as a non-profit association, with the following objectives:

- . estimulate and diffuse applied research in academic laboratories, public organisations and industrial companies:
- . spread scientific information on material forming;
- . link Industry and Public Research Laboratories,
- . teach material forming sciences in Europe;
- . promote the image of material forming in the field of material forming. Since its creation, the ESAFORM association promotes a number of prizes, namely the ESAFORM Scientific Prize, Industrial Prize (awarded until 2009) and, more recently, the ESAFOM PhD Prize for Industrial Research.

The Association encourages:

- . the communication between specialists of different scientific areas;
- international projects and networks;
- the co-operation between National, European and International organisations:

