

ИНФОРМАЦИЯ, РЕКЛАМА



International Conference on
Design, Fabrication and
Economy of Welded Structures,
DFE2008

24–26 April 2008,
University of Miskolc,
Hungary



First announcement and Call for papers

Introduction

The main requirements of modern welded metal structures are the load-carrying capacity (safety), the fitness for production, and economy. These requirements can be met by structural optimization: the economy is achieved by minimizing a cost function. The safety and fitness for production are guaranteed by fulfilling the design and fabrication constraints. The topics of this conference are grouped according to these aspects of design, fabrication and economy, worked out by Professor Jozsef Farkas during his half-century-long professional activity. The aim of the conference is to bring together the world academics, researchers and practitioners in the broad fields of welded structures, structural mechanics, associated computation and structural engineering, to review recent achievements in the advancement of knowledge and understanding in these areas, share the latest developments, and address the challenges for the present and the future.

Previous conferences

Three international meetings were organized at the University of Miskolc in this field; the International Symposium on Tubular Structures (ISTS) in 1996, the Design of Metal Structures in 1997 and the International Conference on Metal Structures (ICMS) in 2003. Experienced and reputable international publishers have produced the Proceedings in a high standard.

Call for papers

Authors intending to present papers are invited to submit abstracts (preferably via e-mail) of 350-400 words (in English) by *30th April 2007* belonging to one of the following broad areas of interest:

Design: Structural Analysis and Design, Numerical Methods and Algorithms, Stability, Fracture, Fatigue, Vibration and Damping, Connections, Thin-walled Structures, Beams and Columns, Trusses, Frames, Towers, Plates and Shells, Tubular Structures, Steel and concrete composite structures, Application of Finite Element and Boundary Element Methods, Fire Safety, Wind Engineering, Earthquake Resistance, Structural Safety and Reliability, Damage Mechanics, Structural Materials, Design Codes, Industrial applications

Fabrication: Construction Technology and Methods, Welding Technologies, Residual Welding Stresses and Distortions, Post-welding Treatments, Fabrication Sequences, Environment Protections, Erection, Maintenance, Repair, Strengthening and Rehabilitation, Industrial applications

Economy: Structural Optimization, Fabrication Costs, Applied Mathematical Methods, Cost Engineering, Evolutionary Techniques, Neural Networks, Expert Systems, Industrial applications

Language: The language of the Conference is English.

Target dates

30 April 2007	Abstract submission
15 June 2007	Notification of provisional acceptance
30 October 2007	Submission of camera ready manuscript
15 December 2007	Notification of final acceptance
24–26 April 2008	Conference, distribution of the proceedings

Publication of Papers

Accepted papers will be published as the Proceedings of the International Conference on Design, Fabrication and Economy of Welded Structures by Horwood Publishing Limited, UK. The Proceedings will be available to all registered participants upon arrival at the Conference.

Special Sessions

A number of special sessions will be organized and held within the framework of the DFE 2008 International Conference. Special sessions, while devoted to the reporting and discussion of the latest developments on a particular theme, will be expected to have international relevance. Prospective organizers are invited to submit proposals for special sessions as soon as possible, and by 31 March 2007 at the latest. They will be expected to identify potential contributors from around the world, and invite authors to prepare and submit papers for the special session. Special sessions will typically feature at least 8 presentations. Special sessions and their organizers will be listed on the website in due course. Authors interested in contributing a paper to a special session will be required to submit their abstracts directly to the organizer of the special session, at the same time making a copy available to the Conference chairman. The general deadlines for the submission of abstracts and full papers will also apply for contributions to special sessions. The list will be updated as more proposals are accepted.

University of Miskolc

The history of the University began in 1735, when the first Mining and Metallurgical Academy was founded in Selmecbánya (Banská Štiavnica). In the ancient library there is a collection of the old technical books from the last 6 centuries. Now there are eight faculties and institutes at the University: Materials Science and Engineering, Earth Science and Engineering, Mechanical engineering, Law, Economics, Arts faculties and the Bela Bartok Music and Health Care institutes. There are about 15000 students at the university. The training period for engineers is 5 years on MSc. level. There are about 1500 students at the Faculty of Mechanical Engineering. Education is going on in Hungarian, but there is a special course for foreign students in English. There are also postgraduate and Ph.D. courses available in different fields.

Further Information

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