



**PERGAMON**

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## Announcement

### METAL STRUCTURES 2003

#### **First announcement and call for papers**

International Conference on Metal Structures, University of Miskolc, Hungary 3–5th April 2003.

Organized and sponsored by the International Institute of Welding (IIW), International Society of Structural and Multidisciplinary Optimization (ISSMO), Hungarian Academy of Science (MTA), University of Miskolc and others.

The main requirements of modern metal structures are the load-carrying capacity (safety), producibility and economy. These requirements can be met by structural optimization: the economy is achieved by minimizing a cost function, the safety and producibility 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 József Farkas (born on December 15, 1927) during his half century long professional activity.

The conference will focus on the following areas:

#### **Design**

Stability  
Fatigue  
Vibration, damping  
Connections  
Thin-walled structures  
Beams, columns

*Trusses and frames*  
Plates and shells  
Tubular structures  
Steel and concrete composite structures  
Industrial applications

#### **Fabrication**

Residual welding stresses and distortions  
Post-welding treatments

Environment protections  
Erection, Maintenance  
Industrial applications

### **Economy**

Structural optimization  
Fabrication costs  
Applied mathematical methods  
Evolutionary techniques  
Industrial applications

Abstracts of 350–400 words on a single A4 page should be submitted before April 30, 2002.  
The language of the Conference is English.  
Registration fees: Participants: 250 EUR, Lecturers: 200 EUR, PhD Students: 150 EUR.  
Presenting authors (one per paper) will be entitled to a reduced enrolment.  
Registration fee covers the cost of the proceedings, conference dinner, coffee and lunches. At least one author has to be present at the Conference.

The refereed proceedings presented during the Conference are to be published by Swets (<http://www.szp.swets.nl/>) in The Netherlands in one volume and distributed at the Conference.

Further details  
Website: <http://www.alt.uni-miskolc.hu/ms/icms.html>  
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