



FACULTY OF TECHNICAL SCIENCES
DEPARTMENT OF INDUSTRIAL SYSTEMS
ENGINEERING AND MANAGEMENT

21000 Novi Sad
Trg Dositeja Obradovica 6

organizes

13th Scientific Conference on INDUSTRIAL SYSTEMS

IS '05

in Herceg Novi, September 7-9, 2005

CONFERENCE GOALS

The Department of **Industrial Systems Engineering and Management** at the Faculty of Technical Sciences in Novi Sad organizes a Scientific Conference on **industrial systems engineering and management** field of science and practice, once in three years, with the following goals:

- **to assemble** the most famous investigators and practitioners from faculties, scientific institutes and different enterprises or other organizations,
- **to enable** presentation of new knowledge and exchange of practical experience in industrial systems engineering and management, and
- **to propose** theoretically developed and practically tested solutions for manufacturing and business improvements achieved in the period between two conferences.

CONFERENCE TOPICS

The major subject of **INDUSTRIAL SYSTEMS - IS '05** scientific conference will be:

EFFECTIVENESS IN MANUFACTURING, BUSINESS AND MANAGEMENT AS IMPORTANT CONDITION FOR ECONOMY REVIVAL AND ANIMATION – HOW TO THE FACE CHALLENGE OF TIME AND CONTINUOUS CHANGES

During the conference session, the major subject will be presented through the following specialist areas:

1 PRODUCTION SYSTEMS

- approaches in development of effective production systems,
- development and design of industrial products,
- manufacturing processes design,
- production control and management,
- technology transfer management
- industrial systems organization technology,
- technological structures design - principles and methods,
- principles and methods in production structures design,
- industrial production systems revival, and
- simulation and reconfiguration of production systems.

2 MECHATRONICS, ROBOTICS AND AUTOMATION

- working processes automation,
- industrial robotics,
- development and application of mechatronic systems,
- intelligent systems,
- material handling automation,
- unindustrialized robotics and automation, and
- computer integrated production systems.

3 INFORMATION, MANAGEMENT AND COMMUNICATION SYSTEMS

- analysis and design of information systems,
- information systems engineering and reengineering,
- communicology and modern communication systems,
- distance learning and working,
- object oriented information technologies,
- CAE / CAD / CAM systems in industrial engineering,
- ERP and CAPM systems and their applications, and
- computer integrated systems and open architectures.

4 QUALITY, EFFECTIVENESS AND INTEGRAL LOGISTIC SUPPORT

- quality management systems – ISO 9001,
- management systems in environmental protection – ISO 14001,
- reliability and effectiveness of technical systems,
- technical systems maintenance,
- technical diagnostics,
- integral logistic support in manufacturing,
- HACCP systems – ISO 22000, and
- employees' security and health – OHSAS 18001.

5 ENGINEERING MANAGEMENT

- technological forecasting, marketing and enterprising,
- technological management,
- enterprise development and investment management,
- human resource management,
- money flows management,
- energetic management,
- international business law,
- corporative strategies, and
- business processes automation.

Properly **applied, timely submitted** and **accepted** papers will be separated into correspondent sections organized for efficient Conference session, according to their subject area orientation. Accepted papers will be **presented** at the Conference and afterwards published in the Conference Proceedings, as well.

A number of famous investigators and practitioners from specified areas of science and practice will participate the Conference with special **called papers**. Besides the presentation of papers in different sections, **workshops** will be organized with the participation of eminent experts from the world of science, practice and public life.

INTERNATIONAL PROGRAM COMMITTEE

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prof. Cvijan Krsmanović, Ph.D., University of Novi Sad

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secretaries:

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<i>ass. V. Mandić,</i>	University of Novi Sad

COMMUNICATION

All information about the Conference program and participation are available by

Phones:

+ 381 21 350 175

(program information, *prof. Cvijan Krsmanović*, Ph.D.)

+ 381 21 350 122, ext. 460 and / or 882

(technical information and organizational details,
Bojan Lalić, M.Sc., and Vladimir Mandić)

+ 381 21 455 011

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(submission of application form, **Ana Pilipović**)

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(with compulsory written name of the recipient)

E-mail:

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Web sites:

www.ns.ac.yu (University of Novi Sad)
www.ftn.ns.ac.yu (Faculty of Technical Sciences in Novi Sad)

OTHER IMPORTANT INFORMATION

a) PARTICIPANTS REGISTRATION GUIDELINES

- **applying of papers**

Prospective conference participants presenting a paper (contribution) can apply a paper by commonly written (ordinary mail) or electronic (e-mail) document **PAPER APPLICATION**, which can be done in a **free style** with the contents clearly defined through the following items: (1) the paper is being applied for **13th Scientific Conference on INDUSTRIAL SYSTEMS – IS '05**, (2) authors' name(s), titles, professional status and affiliation(s), (3) title of the paper, (4) specialist area of the paper – one of several offered areas covered by the Conference program, (5) an abstract up to 100 words, (6) keywords, and (7) contact addresses, phones and author(s) e-mail addresses.

- **participation applying**

All conference participants presenting a paper (contribution) and who are not presenting a paper (listeners and/or observers) can definitely apply by **APPLICATION FORM**, which is enclosed to this announcement, and should be sent to the organizer in a form of a letter or by fax, no later than **July 25, 2005**.

b) CONFERENCE FEE

Conference fee for the participants **presenting a paper** is fixed at the price range from EUR **100,-** (for the first author) to EUR **50,-** (for other authors of the same paper). Conference fee for the participants **without presentation** is fixed at the price range from EUR **150,-** (for the first participant), to EUR **75,-** (for other participants from the same organization - enterprise, university, institute).

VENUE

The Conference will be held in **Herceg Novi** at the Montenegrin Adriatic coast (hotel **PLAZA**) over a period of **3** (three) days – September **7 - 9, 2005**.

DEADLINES

April 30, 2005	submission of papers with abstracts
May 20, 2005	notification of acceptance
May 31, 2005	the 2nd announcement (papers setting guidelines, accommodation, and other important information)
July 25, 2005	paper submission and application deadline
August 20, 2005	accepted Conference program

We ask you, to send your
APPLICATION FORM mainly by fax,
at +381 21 459 536

APPLICATION FORM

Organization: _____

State/Country: _____

Zip/City: _____

Address: _____

Contact phone: _____

The following participants are irrevocably applying for
**13th Scientific Conference on
INDUSTRIAL SYSTEMS – IS '05**

1. _____ (first name) _____ (family name)
_____ (position) _____ (presenting a paper) (not presenting a paper)
2. _____ (first name) _____ (family name)
_____ (position) _____ (presenting a paper) (not presenting a paper)
3. _____ (first name) _____ (family name)
_____ (position) _____ (presenting a paper) (not presenting a paper)
4. _____ (first name) _____ (family name)
_____ (position) _____ (presenting a paper) (not presenting a paper)

The payment for applied participants will be completed no later than **August 01, 2005** on **Faculty of Technical Sciences** bank account number **840-1710666-12**, with calling to number **6806111204**, payment module **97**, and remark **Conference fee for INDUSTRIAL SYSTEMS – IS '05**. The payment receipt will be issued/sent during the Conference.

signature