



ASSOCIATION FOR MULTIDISCIPLINARY
RESEARCH OF THE WEST ZONE OF
ROMANIA (ACM-V) - TIMIȘOARA

UNIVERSITY POLITEHNICA TIMIȘOARA,
FACULTY OF ENGINEERING
- HUNEDOARA



10th INTERNATIONAL SYMPOSIUM "INTERDISCIPLINARY REGIONAL RESEARCH" - JUBILEE EDITION -



**ISIRR
2009**
ROMANIA - HUNGARY - SERBIA

Hunedoara,
ROMANIA,
23 - 24 April,
2009

SECOND ANNOUNCEMENT - CALL FOR PAPERS & FINAL REGISTRATION -

Dear Colleagues,

We invite you cordially to participate at the **10th INTERNATIONAL SYMPOSIUM "INTERDISCIPLINARY REGIONAL RESEARCH" – ISIRR 2009 – JUBILEE EDITION**, which will be held in **Hunedoara – Romania**, in **April, 23rd – 24th, 2009**. The previous Symposiums, held in Hungary, Serbia and Romania since 1996, proved to be an efficient, convenient and amicable way of exchanging ideas on relationships of multidisciplinary research areas, and will ensure an exchange of scientific information and didactical opinions in fields with an impressive dynamic considering the research and the technological progress. The Symposium will also provide the opportunity for exchanging ideas and experience with our colleagues coming from **HUNGARY, SERBIA and ROMANIA** and for developing new scientific collaboration.

This time, the Symposium is again organized jointly by the **Association for Multidisciplinary Research of West Zone of Romania – Timișoara**, through the **Faculty of Engineering – Hunedoara**. The Symposium will be held in the **FACULTY OF ENGINEERING – HUNEDOARA**, at **Revolutiei Street 5, Hunedoara, Romania**.

Organizers:

**Association for Multidisciplinary Research
in West Zone of Romania (ACM-V) - Timisoara**



**University Politehnica - Timisoara
Faculty of Engineering - Hunedoara**

**General Association of the Romanian Engineers
(AGIR) - Branch of Hunedoara**



**Romanian Ministry of Education,
Research and Innovation
ANCS National Authority for Scientific Research (ANCS)**

With the support of our scientific partners:



**Hungarian Academy of Science
- branch of Szeged, HUNGARY**

and

**University of Novi Sad,
Novi Sad, SERBIA**



SYMPOSIUM TOPICS:

SECTION 1. ECONOMICAL DEVELOPMENT AND STRATEGIES IN OUR REGIONS AND ABROAD

- focusing on problems concerning the general field of economics and management, the European Integration of our countries, the differences between the development of the regions from Eastern Europe and the management of diminishing unfavorable differences, including aspects regarding the globalization and economy of small and medium enterprises, human resources, management strategies and organization behavior, provides a leading forum for interaction and research on the competitive strategies of managers and the organizational structure of firms;

SECTION 2. MEDICAL ISSUES, LABOR HEALTH AND VETERINARY MEDICINE

- focusing on novelties in medical studies and veterinary medicine, medical advice, diagnoses and treatment, including new knowledge on pathogens, immunity to pathogenic micro-organisms, epidemiology related to infections, specific aspects of treatment of diseases, pathological and clinical studies (including case reports), diagnosis tests and technical reports, as well as labor related accidents and professional diseases;

SECTION 3. APPLIED ECOLOGY AND ENVIRONMENTAL PROTECTION IN THE REGION

- focusing on the management of the city and on industrial waste materials, debating issues concerning the environmental engineering, the environmental impact analysis and assessment, the industrial and urban environmental management, the cleaning process, pollution agents and pollution sources, water – air – soil quality analysis, the reutilisation of industrial wastes and the diminishing of pollution and the environmental planning and environmental protection in the regions of the Eastern Europe area;

SECTION 4. USES OF NATURAL RESOURCES IN REGIONS, MINING, ENERGY CONSERVATION AND PLANNING

- focusing on general fields of industry, mining, agriculture, forestry, botany and horticulture, hydrology, biotechnology, material and energetically resources, including energy conservation and planning and alternate energy development, in multidisciplinary studies;

SECTION 5. APPLIED SCIENCES AND TECHNOLOGIES – MANUFACTURING AND RESEARCH IN ENGINEERING FIELDS

- focusing on engineering science and practice, covering the full spectrum of engineering theory and practice, including studies involving the application of physical and mathematical techniques to fundamental investigations and emerging areas within the engineering fields, incoming with information from a wide variety of applied science specialties in multidisciplinary studies;

SECTION 6. METHODS AND TECHNIQUES, INSTRUMENTS AND SUPPLIES IN THE NATURAL SCIENCE FIELDS

- focusing on the theory and practice of chemistry and physics, covering the full spectrum of natural sciences in multidisciplinary studies;

& INFORMATIVE MEETING

- discussing the topic: **REGIONAL INTEGRATION**, concerning the expanding of the application area for the transferable credit system between the specialized faculties and universities from Hungary, Serbia and Romania, educational and pedagogical issues common for this countries, as well as problems regarding the extending of connections between the institutions on educational matters, teaching and specializing processes and co-operation between professors and students.

Regional Organizing Committee

Assoc. Prof. dr. eng. Ana Virginia SOCALICI

– scientific secretary of the Faculty of Engineering – Hunedoara

Assoc. Prof. dr. eng. Imre KISS

– scientific secretary of the Symposium

Assist. Prof. ec. dr. eng. Vasile ALEXA

– co-coordinator of organizing activities

Assist. Prof. dr. eng. Sorin RAȚIU

– co-coordinator of organizing activities

Assist. Prof. dr. eng. Vasile George CIOATĂ

– co-coordinator of organizing activities

Secretary Office

of the Organizing Committee:

UNIVERSITY POLITEHNICA TIMIȘOARA

FACULTY OF ENGINEERING – HUNEDOARA

5, REVOLUTIEI, 331128, HUNEDOARA

phone: + 40 254 207522; fax: + 40 254 207501

e-mail: redactie@fih.upt.ro

International Organizing and Scientific Committee

Prof. dr. Nicolae FARBAS

– head of Association for Multidisciplinary Research of the West Zone of Romania (ACM-V) – Timișoara, ROMANIA

Prof. h.c. dr. eng. Gallia BUTNARU

– „Banat” University of Agricultural Sciences and Veterinary Medicine Timisoara, ROMANIA

Prof. dr. eng. Teodor HEPUT

– dean of the Faculty of Engineering – Hunedoara

Prof. dr. Imre DEKANY

– president of Hungarian Regional Academy of Sciences,
Szeged, HUNGARY

Prof. dr. Maria HOMOKI-NAGY

– scientific secretary of Hungarian Regional Academy of Sciences,
Szeged, HUNGARY

Prof. dr. Cecilia HODUR

– member of Hungarian Regional Academy of Sciences,
Szeged, HUNGARY

Prof. dr. Radmila MARINKOVIC-NEDUCIN

– rector of the University of Novi Sad
Novi Sad, SERBIA

Prof. dr. Mirjana VOJINOVIC-MILORADOV

– University of Novi Sad, Institute of Chemistry
Novi Sad, SERBIA

Prof. dr. Vladimir KATIC

– University of Novi Sad, Faculty of Engineering
Novi Sad, SERBIA

Prof. dr. eng. Francisc WEBER

– head of General Association of the Romanian Engineers (AGIR) – branch of Hunedoara, ROMANIA

Prof. dr. Jecu AVRAM

– „Victor Babeș” University of Medicine and Pharmacy,
Timișoara, ROMANIA

Assoc. Prof. dr. eng. Nicolae RUSU

– vice-dean of Faculty of Engineering – Hunedoara, ROMANIA

Assoc. Prof. dr. eng. Caius PĂNOIU

– vice-dean of Faculty of Engineering – Hunedoara, ROMANIA

Prof. dr. Stefan MAKSAJ

– Faculty of Engineering – Hunedoara, ROMANIA

Prof. dr. ing. Ștefan BARTZER

– University Politehnica Timișoara, ROMANIA

Prof. dr. Dorin BRATU

– „Victor Babeș” University of Medicine and Pharmacy,
Timișoara, ROMANIA

Prof. dr. ing. Marian BURA

– „Banat” University of Agricultural Sciences and Veterinary Medicine Timisoara, ROMANIA

General Informations:

- ✚ Date: Thursday, **23rd** – Friday, **24th** of **April, 2009**.
- ✚ The official language at the Symposium is **English**, and the papers will be accepted only in **English**.
- ✚ The Symposium is an open invitation for all specialists, professors, researchers and experts in all scientific fields, who can produce a free presentation of the results in their activities. There will be oral and poster presentations. For all registered participants, cold lunch will be served and a reception will be held on Thursday evening.
- ✚ The Symposium includes **plenary sessions, work-shops, poster presentations, informative and agreement actions**. The papers of a high scientific level will be presented during the Symposium, while the rest of the papers will have a poster-form presentation. **Oral presentation:** Invited speakers will have **20 min**, and other participants **10 min (+ 5 min for discussion)**. Overhead and PC projectors will be provided. Should you need extra equipment, please, contact the organizers in due time. **Poster presentation:** The maximal width of posters is **90 cm**, and the length, **140 cm**. The boards are of hard wood, adhesive tape and pushpins will be provided.
- ✚ The papers will have to frame into topics, to have an interdisciplinary character, and to be at the level of an international symposium. The selected papers will have to be presented in the Symposium sections therefore the presence of one of the authors is required. It is preferable for the papers to have an interdisciplinary characteristic and to treat themes of mutual interest for our geographical area: eastern HUNGARY, northern SERBIA and western ROMANIA. Priority is given to papers produced by a mixed team of researchers from the three countries. Researchers from other countries may participate as well, on the condition of applicability for their results on the above mentioned geographical areas. The papers, classified according to the topics and presented in the Symposium sections, will be collected in the **CD volume proceedings**. Also, the selected papers will appear in a special number of the multidisciplinary engineering journal **Annals of Faculty of Engineering Hunedoara – Journal of Engineering (Fascicle 4/2009, print version, ISSN 1584-2665)**.
- ✚ The Symposium fee for authors and participants is **60 Eur** (the first paper) and **20 Eur** (the second paper). The Symposium fee for members of Association for Multidisciplinary Research (ACM-V) is **40 Eur** (the first paper) and **20 Eur** (the second paper).
- ✚ The Symposium fee for authors and participants includes only Symposium expenses, the Volume of Proceedings, the accompanying materials, admission to all sections and presentations, and refreshments. The Registration Fee does not include accommodation (**15 Eur/night**) and meals (**15 Eur/day**). Details on payment will be available on the web at <http://annals.fih.upt.ro/sustained-events.html>, after 1 of March.

General Agenda:

1ST DAY, Thursday, 23rd April, 2009

08.00 – 10.00	Welcoming of guests and registration of participants – in the Hall of Faculty of Engineering – Hunedoara
10.00 – 11.00	Opening Ceremony – in the Amphitheatre of Faculty of Engineering – Hunedoara
11.00 – 11.30	Coffee break – in the Halls of the Amphitheatres of the Faculty of Engineering – Hunedoara
11.30 – 12.00	Setting of posters by sections – in the Halls of Amphitheatres of the Faculty of Engineering
12.00 – 14.00	Presentations and debates by sections – in the Amphitheatres of the Faculty of Engineering
14.00 – 16.00	Lunch
16.00 – 19.00	Debates by sections – in the Amphitheatres of Faculty of Engineering
19.00	Festive dinner

2ND DAY, Friday, 24th April, 2009

08.00 – 10.00	Breakfast
10.00 – 12.00	Presentations and debates by sections and posters – in Halls and in Amphitheatres of the Faculty
12.00 – 12.30	Coffee break
12.30 – 13.30	Informative Meeting – in the Council Chamber of the Faculty of Engineering
13.30 – 14.00	Final debates and Closing Ceremony – in the Amphitheatre of Faculty of Engineering
14.00 – 15.00	Lunch
15.00	Visit to tourist sights (Corvin Castle and surroundings)

General Guidelines for Preparing the Scientific Papers

TITLE of the SCIENTIFIC PAPER

(Font type Georgia, size 14, Caps Look, Justify)

AUTHORS NAME and SURNAME

(Font type Georgia, size 11, Caps Look, Justify)

AFFILIATION of AUTHORS

(Font type Georgia, size 11, Caps Look, Justify)

ABSTRACT

Normal Text, font type Georgia, size 10, Justify, 100...200 Words

ABOUT THE SCIENTIFIC PAPERS ...

The paper will be prepared with normal text, font type Georgia, size 11, Justify, single spacing, even number of pages (4-10), A4, with 25 mm margins. The paper must contain the following chapters:

1. INTRODUCTION
2. THE STUDY
3. ANALISES, DISCUSIONS, APPROACHES, INTERPRETATIONS
4. CONCLUSIONS
5. REFERENCES

ONLY PAPERS HANDED TO THE ORGANIZERS DURING THE CONFERENCE WILL BE CONSIDERED FOR PUBLICATION. The manuscripts should be prepared according to the instructions specified above.

Important Deadlines:

- ✚ The camera-ready manuscript must be sent to the **ISIRR 2009 - Secretary Office** by **01 March 2009**.
- ✚ The final announcement of confirmation for publishing and the day of presentation will be sent by **30 March 2009**.

For more information please contact the **Faculty of Engineering – Hunedoara, Secretary Office of the Organizing Committee**. An e-mail address has been opened to receive your correspondence: redactie@fih.upt.ro. All information on the conference will also be available on the web at <http://annals.fih.upt.ro/sustained-events.html>.

The organizers look forward to your participation and presentations, and hope that the Symposium will further promote regional cooperation on relationships of multidisciplinary research areas.

Regional Organizing Committee

