

ABOUT SYMPOSIUM

On behalf of the Organizing Committee we would like to invite you to attend the **ISB-INMA TEH' 2014: "AGRICULTURAL AND MECHANICAL ENGINEERING."**, symposiums organized by the *Polytechnic University Bucharest - Faculty of Biotechnical Systems Engineering and National Institute of Research-Development for Machines and Installations Designed to Agriculture and Food Industry (INMA)*.

AIM OF SYMPOSIUM

The aim of the Symposiums is to present the latest scientific results on all aspects of research, design and development work in the field of *mechanics, environmental engineering, renewable energy sources, agricultural engineering and sustainable agriculture*.

TOPICS

The main topics to be covered by Symposiums are:

- **Mechanics** in Agriculture Engineering;
- **Environmental Engineering / Protection**;
- **Renewable Energy Sources** in Agriculture;
- **Machinery and Equipment** for Food Industry;
- **Agricultural Biotechnology and Environment**;
- **Sustainable Development** in Agriculture;
- **Efficient and Rational use of Agriculture Machinery**;
- **Security and Safety** in Transports;
- **Others** in the main of Agriculture and Mechanical Engineering;
- **Ergonomics**;
- **Safety Problems** in Agriculture Machinery Exploatacion;
- **Agriculture Engineering Management**;
- **Soil Degeneration and Soil Re-Cultivation Systems**;
- **Tehnicul System For The Irigation and Drainage**;
- **Information Thechnologies** in the Area of Agriculture and Aquaculture
- **Mathematical Models** in Agricultural Engineering;
- **Measuring, Sensing and Data Acquisition** in Agriculture.

ACCOMMODATION

At **PHOENICIA GRAND Hotel****** (<http://www.phoenicia.ro/>), **Hotel CLASS****** (<http://www.class-hotel.ro/>), **Hotel AVIS Baneasa***** (<http://www.avishotel.ro/>), **Hotel ERBAS***** (<http://www.hotelerbas.ro/>), **Hotel Ramada Bucharest Parc** (<http://www.ramadabucharestparc.ro/>), **Hotel Pui de Urs** (<http://www.puideurs.ro/hotel/>) you can find rooms starting at a price of 35 Euro for a single room and 65 Euro for a double room.

PARTICIPATION FEE

The participation fee of the Symposium will be of 100 Euro (50 Euro for PhD Students) covers proceedings and farewell banquet. Only those papers of authors who pay the registration fee will be published in the symposiums proceeding.

LANGUAGE

The official languages of the symposium will be **English** or / and Romanian.

CALL FOR PAPERS

Abstracts in English should be one page length and submitted before **May 15 2014**. The full paper must be submitted (by e-mail) before **July 31 2014**, each paper will be reviewed by the minimum 2 experts and the decision of the Scientific Committee will be conveyed to each author after finishing the evaluations. The full papers (after correction) must be submitted in max. **two weeks** after receiving the observations. Instructions for authors and sample model of paper will be submitted of each paper author together with notification of acceptance.

KEY DATES

Submission of abstract: **May 15, 2014**
Submission of full paper: **July 31, 2014**
Notification of paper acceptance: **after evaluations of reviewers**
Fee payment deadline: **September 30, 2014**

The symposium will be partially recorded during oral presentations / posters. Aspects regarding the conference will be presented on the website of the conference (photos and videos). At the event will be also invited manufacturers / importers / dealers / sponsors related to the symposium topics, enabling them to present their products / company, in a specially arranged space of Biotechnical Engineering Systems Faculty hall. For those interested (national and abroad) there will be done visits in the laboratories of the faculty and INMA Institute. In INMA Institute can be also seen experimental models of machinery and equipments designed and realized there.

SYMPOSIUM SECRETARIAT

**UNIVERSITY "POLITEHNICA" of BUCHAREST
FACULTY OF BIOTECHNICAL SYSTEMS ENGINEERING
DEPARTMENT OF BIOTECHNICAL SYSTEMS**

313 Splaiul Independenței, sect. 6
CP 060042 Bucharest, Romania

Tel.: +40 021 4029648
Fax: +40 021 3181018

NATIONAL INSTITUTE OF RESEARCH-DEVELOPMENT FOR MACHINES AND INSTALLATIONS DESIGNED TO AGRICULTURE AND FOOD INDUSTRY – INMA

6, Ion Ionescu de la Brad Blvd. Sector 1
CP 013813 Bucharest - Romania

Tel.: +40 021 2693250
Fax: +40 021 2693273

Address correspondence symposium

E-mail: valentin_vladut@yahoo.com
biris.sorinstefan@gmail.com

INTERNATIONAL SYMPOSIUM

ISB-INMA TEH' 2014

AGRICULTURAL AND MECHANICAL ENGINEERING

<http://www.inma.ro/symposia/ISB-INMATEH-2014>

30th -31st October 2014

Preliminary registration

(please use block letters or typewriter)

Name

Title/position

Organisation / Company

Address

Postal code City

Country:

Tel.: Fax:

E-mail:

Title of paper:

.....

.....

.....

***DRAFTING MODEL OF THE PAPERS DESIGNED TO**

ISB-INMA TEH' 2014

INTERNATIONAL SYMPOSIUM

30th +31th October 2014

WRITING PAPER MODE

The papers will be written on columns (equal), in English (left) and native language (right), according to the following instructions.

- All portions of the manuscript must be typed *single-spaced*, A4, top and bottom: 2 cm; left: 2.3 cm; right: 1.7 cm; font: **Arial**, size 9 pt, except the title which will be 11 pt. and explicit figures, which will be 8 pt.
- Text paper will be written in two equal columns of 8.3 cm. 0.4 cm space between them, except the title, authors and their affiliations, tables, figures, graphs and equations to be entered once.
- Text will be written in English in the left column, respectively in native language in the right column.
- The chapter titles are written Uppercase (eg: INTRODUCTION, MATERIAL AND METHODS), between chapters is left a space for 9 pt. At the beginning of each paragraph to leave a tab of 0.5 cm.
- The paper will be written in Word, "Justify" alignment;
- The paper should be transmitted by E-mail.
- There are allowed 2 papers by each first author.

PAPER'S TITLE (*English language*)
bold italic, center, 11 pt. Arial,
(9 pt.)

Authors' names preceded by their scientific degree
- institution – (bold, center, italic, 9 pt. Arial)
(9 pt.)

Abstract: (*max. 500 words, title - bold,*
– 9 pt. Arial italic)
(9 pt. Arial)

Key words: (*9 pt. Arial, title - bold italic,*
key words – italic)
(12 pt. Arial)

Paper's text:

- The paper must contain 10 pages at most - A4 format (including the figures and tables comprised by the text and the bibliography), the number of pages has to be even;
- The text will be written electronically in English language, font by Arial 9 pt. on A4 format page with 2 cm margins (left, right, top, bottom);
- The paper will be written in Word, "Justify" alignment;
- Between the chapters an "ENTER" of 10 pt. Arial must be inserted;
- The paragraph title should be written of 9 pt. font size, bold, left aligned;
- The paper should be transmitted on CD or by E-mail.
- There are allowed 2 papers by each author at most.

TITLUL LUCRĂRII (*native language*)
bold italic, center, 11 pt. Arial,
(9 pt.)

Numele autorilor urmat de gradul științific
- instituția – (bold, centru, italic, 9 pt. Arial)
(9 pt.)

Rezumat: (*max. 500 cuvinte; titlul - bold – 9 pt. Arial italic,*
(9 pt. Arial)

Cuvinte cheie: (*9 pt. Arial, titlu - bold, cuvintele cheie - italic)*
(12 pt. Arial)

Textul lucrării:

- Lucrarea trebuie să conțină cel mult 10 pagini – format A4 (inclusiv figurile și tabelele, incluzând textul și bibliografia), numărul de pagini trebuie să fie par;
- Textul va fi redactat electronic în limba română, font Arial 9 pt., pagină format A4 cu margini de 2 cm (stânga, dreapta, sus și jos);
- Lucrarea va fi redactată în Word, aliniament "Justify"
- Între capitole se introduce un "ENTER" de 10 pt. Arial
- Titlul paragrafului va fi scris cu font 9 pt., bold, aliniament stânga;
- Lucrarea trebuie transmisă pe CD sau prin E-mail.
- Sunt permise cel mult 2 lucrări ale aceluiași autor.

Other information:

- The paper presentation should be done: (preferably) in Power Point or on transparent foil; The time of speech should be of 10 minutes at the most;
- The Scientific Committee will analyze the papers abstracts depending on the following criteria: theme covering, novelty degree and originality;
- The accepted papers will be published in the symposium volume;
- The papers with the highest scientific level will be selected by the Editorial Committee to be included in the journal INMATEH - AGRICULTURAL ENGINEERING, indexed in IDB: [Scopus](#), [Copernicus](#) (ICV=5.6), [Ulrichs](#), [Scipio](#), [CABI](#), etc., and under THOMSON REUTERS evaluation.

ORGANIZING COMMITTEE

- Prof. Ph.D. Eng. PIRNA Ion - INMA Bucharest (RO) - President;
- Prof. Ph.D. Eng. PARASCHIV Gigel - P.U. Bucharest (RO) - Vicepresident;
- Prof. Ph.D. Eng. VOICU Gheorghe - P.U. Bucharest (RO) - Vicepresident;
- Prof. Ph.D. Eng. BIRIS Sorin - P.U. Bucharest (RO) - Vicepresident;
- Ph.D. Eng. VLADUȚ Valentin - INMA Bucharest (RO) - General Secretary;

SECRETARY

- Assoc. Prof. Ph.D. Eng. CARP-CIOCĂRDIA Crăița - P.U. Bucharest (RO);
- Ph.D. Eng. MURARU Vergil - INMA Bucharest (RO);
- Ph.D. Eng. GANEA Ioan - INMA Bucharest (RO);
- Ph.D. Eng. POPA Lucreția - INMA Bucharest (RO);
- PhD. Stud. Eng. CONSTANTIN Gabriel - P.U. Bucharest (RO);
- PhD. Stud. Eng. ȘTEFAN Vasilica - INMA Bucharest (RO);
- PhD. Stud. Eng. PERSU Cătălin - INMA Bucharest (RO);
- Lect. Ph.D. Eng. CONSTANTIN Gabriel - P.U. Bucharest (RO);
- Eng. ION Alexandru - INMA Bucharest (RO).

PROGRAMM COMMITTEE

- TINKER David - Secretary-General EurAgEng (UK)
- Prof. Ph.D. Eng. PARASCHIV Gigel - P.U. Bucharest (RO);
- Prof. Ph.D. Eng. ANDRONESCU Ecaterina - PU Bucharest (RO);
- Prof. Ph.D. Eng. PRISECARU Tudor - P.U. Bucharest (RO);
- Ph.D. Eng. COSTOIU Mihnea - P.U. Bucharest (RO);
- Prof. Ph.D. Eng. PIRNA Ion - INMA Bucharest (RO);
- Prof. Ph.D. De Wrachien Daniele - State University of Milan (IT);
- Prof. Ph.D. Eng. CAMPEANU Sorin - USAMV Bucharest (RO);
- Prof. Ph.D. Eng. VOICU Gheorghe - P.U. Bucharest (RO);
- Prof. Ph.D. Eng. FILIP Nicolae - Technical University Cluj Napoca (RO);
- Prof. Ph.D. Eng. BIRIS Sorin-Stefan - P.U. Bucharest (RO);
- Assoc. Prof. Ph.D. Eng. BUNGESCU Sorin - USAMVB Timisoara (RO);
- Assoc. Prof. Ph.D. Eng. ATANASOVS Atanas - University of Rouse (BG);
- Assoc. Prof. Ph.D. Eng. BORUZ Sorin - University of Craiova;
- Assoc. Prof. Ph.D. Eng. SAVIN Lazar - University of Novi Sad (SR);
- Assoc. Prof. Ph.D. PANAYOTOVA Galina - Agricultural Academy (BG);
- Prof. Ph.D. Eng. PADUREANU Vasile - T.U. Brasov (RO);
- Prof. Ph.D. Eng. CĂSĂNDROIU Tudor - P.U. Bucharest (RO);
- Prof. Ph.D. Eng. TENU Ion - USAMV Iasi (RO);
- Prof. Ph.D. JOVANOVIĆ Larisa - Soc. for Env. Prot. of Serbia;
- Prof. Ph.D. Eng. KOSUĆIĆ Silvio - Zagreb University (HR);
- Prof. Ph.D. Eng. MARTINOV Milan - University of Novi Sad (SR);
- Prof. Ph.D. Eng. MIHAILOV Nikolai - University of Rouse (BG);
- Prof. Ph.D. Eng. BRKIC Miladin - University of Novi Sad (SR);
- Prof. Ph.D. Eng. YAO X. Guanxin - Along Agriculture R&D Technology and Management Consulting Co., Ltd (CN);
- Prof. Ph.D. Eng. DAVID Ladislav - P.U. Bucharest (RO);
- Prof. Ph.D. Eng. GERGEN Iosif - USAMVB Timisoara (RO);
- Prof. Ph.D. Eng. TUCU Dumitru - P.U. Timisoara (RO);
- Prof. Ph.D. Eng. BĂDESCU Mircea - University of Craiova (RO);
- Prof. Ph.D. Eng. SĂRĂCIN Ion - University of Craiova (RO);
- Prof. Ph.D. Eng. GONZALEZ Omar - Central University "Marta Abreu" de las Villas, (CU);
- Prof. Ph.D. Sc. Eng. BĂRAC Săsa - Serbia University of Prishtina (SR);
- Ph.D. Eng. USENKO Mykhaylo - State Technical University Lutsk (UKR);
- Ph.D. Eng. PANDIA Olimpia - USAMV Bucharest (RO);
- Res. Assist. Ph.D. SELVI Kemal - Ondokuz Mayıs University (TR)
- Ph.D. KABAS Önder - Batı Akdeniz Agricultural Research Institute (TR);
- Assoc. Prof. Ph.D. Eng. ERTEKIN Can - Akdeniz University (TR);
- Assoc. Prof. Ph.D. Eng. KISS Imre - P.U. Timisoara (RO);
- Assoc. Prof. Ph.D. Eng. ILIE Filip - P.U. Bucharest (RO);
- Assoc. Prof. Ph.D. Eng. MAICAN Edmond - P.U. Bucharest (RO);
- Assoc. Prof. Ph.D. MAGO László - Szent Istvan University (HU)
- Prof. Ph.D. Eng. ESSAM WASIF - AEnRI (EG);
- Assoc. Prof. Ph.D. Eng. BELC Nastasia - IBA Bucharest (RO);
- Ph.D. Eng. DRAGOMIR Cătălin - IBNA Bailesti (RO);
- Ph.D. Eng. CONSTANTINESCU Florica - ICDPP Bucharest (RO);
- Ph.D. Eng. COMAN Mihai - ICDP Pitești - Mărăcineni (RO);
- Prof. Ph.D. Eng. Ragazzi Marco - University of Trento (IT);
- Prof. Ph.D. Eng. Torretta Vincenzo - Insubria University (IT);
- Ph.D. Eng. VLADUȚ Valentin - INMA Bucharest (RO);
- Ph.D. Eng. PAUN Anisoara - INMA Bucharest (RO);
- PhD. Stud. Eng. MĂTACHE Mihai - INMA Bucharest (RO);
- Lect. Ph.D. Eng. DUTU Iulian - P.U. Bucharest (RO);
- PhD. Ch. POPESCU Carmen - S.C. HOFIGAL S.A. (RO);
- Ph.D. Eng. MARIN Eugen - INMA Bucharest (RO);
- Ph.D. Eng. DUMITRESCU Cătălin - INOE 2000 - IHP (RO);
- Ph.D. Eng. CEREMPEI Valerian - MECAGRO, Institute of Agricultural Technique (MD);
- Ph.D. Eng. RADA Elena Cristina - University of Trento (IT)
- Ph.D. Eng. Zelaziński T. - Warsaw University of Life Sciences (PL);
- Lect. Ph.D. Eng. HARMĂNESCU Monica - USAMVB Timisoara (RO);
- Assoc. Prof. Ph.D. Ec. DAVID Oana - P.U. Bucharest (RO);
- Lect. Ph.D. Eng. DUTU Mihaela - P.U. Bucharest (RO);
- Lect. Ph.D. Eng. MATEI Gheorghe - University of Craiova (RO);
- Lect. Ph.D. Eng. COVALIU Cristina - P.U. Bucharest (RO)
- Lect. Ph.D. Eng. VOICU Paula - P.U. Bucharest (RO).

HONORARY COMMITTEE

- Prof. Ph.D. SIN Gheorghe - ASAS of Romania;
- Ph.D. Eng. GĂNGU Vergil - ASAS of Romania;
- Ph.D. Eng. BRIA Nicolae - ASAS of Romania;
- Ph.D. Eng. NICOLESCU Mihai - ASAS of Romania

MINISTRY OF NATIONAL EDUCATION
UNIVERSITY POLITEHNICA of BUCHAREST
Faculty of Biotechnical Systems Engineering



INTERNATIONAL SYMPOSIUM

ISB-INMA TEH' 2014

"AGRICULTURAL AND MECHANICAL ENGINEERING"



30th +31th October 2014

- Festivity Hall (AN 010) -

University POLITEHNICA of Bucharest
Bucharest, Romania