

TEHNOMUS XIX, 19th International Conference on *New Technologies and Products in Machine Manufacturing Technology* is an international forum for the presentation of advances and new research results in the fields of mechanical, industrial, and manufacturing technologies.

We invite your contributions to the TEHNOMUS XIX Conference, which will be held during May 12 - 13, 2017, at the “Stefan cel Mare” University of Suceava, Romania. The conference is organised by the [Department of Mechanics & Technologies, Faculty of Mechanical Engineering, Mechatronics and Management](#), with the assistance of [Ministry of National Education and Scientific Research](#), [Tehnomus Association Suceava, Romania](#), [SIDEM S.R.L. Suceava, Romania](#), [PRIMAGRA S.R.L. Suceava, Romania](#).

CONFERENCE TOPICS

- Manufacturing Technologies
- Cold Forming Technologies
- Welding Technologies
- Nonconventional Technologies
- Manufacturing Systems
- Applied Mechanics
- Tribology
- Mechatronics, Robotics and Flexible Manufacturing
- Computer-Aided Design, Computer Aided Manufacturing
- Maintenance, Reliability, Life Cycle
- Materials Science
- Engineering Management and Leadership
- Innovation, Creativity and Industrial Development
- Quality Management
- Micro and Nanotechnologies
- Environmental Engineering and Sustainable Development
- Learning and Education in Engineering

Other related topics could be included in the final program of the Tehnomus International Conference.

INTERNATIONAL SCIENTIFIC COMMITTEE

Akhloufi Moulay, Canada
Amarandei Dumitru, Romania
Cerlincă Delia, Romania
Certan Valeriu, R. Moldova
Doicin Cristian, Romania
Drăghici Anca, Romania
Fabre Agnès, France
Fetecău Cătălin, Romania
Georgescu Lucian, Romania
Glovnea Marilena, Romania
Henry Sebastien, France
Ho ba tho Marie Christine, France
Ionescu Nicolae, Romania
Ionescu Romeo, Romania
Javorova Juliana, Bulgaria
Jobst Gorne, Germany
Jos Vander Sloten, Belgium
Juwet Mark, Belgium
Kandeva Mara, Bulgaria
Kifor Claudiu, Romania
Marinescu Ioan, USA
Massenzio Michel, France
Mazuru Sergiu, R. Moldova
Merckx Dirk, Belgium
Micloșină Călin, Romania
Mihai Ioan, Romania
Mironeasa Costel, Romania
Mishev Georgi, Bulgaria
Moisa Ștrul, Israel
Muscă Ilie, Romania
Nagîț Gheorghe, Romania
Nedelcu Dumitru, Romania
Nitu Eduard, Romania
Olaru Dumitru, Romania
Onofrei George, Ireland
Oprișan Cezar, Romania
Păstrăv Leonard, Belgium
Păunoiu Viorel, Romania
Ramalho Mario, Portugal
Rus Alexandru, Romania
Sarafis Ilias, Greece

Seghedin Nicolae Eugen, Romania
Slătineanu Laurențiu, Romania
Starețu Ionel, Romania
Țierean Mircea Horia, Romania
Velicu Ștefan, Romania
Wolff Valery, France

ORGANIZING COMMITTEE

Amarandei Dumitru, *Head of department*
Alaci Stelian
Băeșu Marius Daniel
Beșliu Irina
Bulai Petru
Cerlincă Delia
Ciornei Florina
Dulucheanu Constantin
Glovnea Marilena
Mihai Ioan
Muscă Ilie
Ionescu Romeo
Irimescu Luminița
Mironeasa Costel
Potorac Alexandru
Pîrghie Cristian
Romănu Ionuț
Severin Lucian
Severin Traian Lucian
Spînu Sergiu
Suciu Cornel

CONFERENCE PRELIMINARY PROGRAM

Friday, May 12, 2017

08⁰⁰ - 09⁰⁰ Registration
09⁰⁰ - 10³⁰ Opening ceremony. Plenary session
10³⁰ - 11⁰⁰ Coffee break
11⁰⁰ - 14⁰⁰ Paper presentations
14⁰⁰ - 15³⁰ Lunch
15³⁰ - 19³⁰ Paper presentations
20⁰⁰ – Gala dinner

Saturday, May 13, 2017

9⁰⁰-10³⁰ Workshop: New trends in Technologies, Machine Manufacturing and Integrated Production Systems.

10³⁰-17³⁰ Sight-seeing in Bucovina County.

DEADLINES

- Paper title and extended abstract (one page) submission - *February 1, 2017*
- Notification of acceptance: *February 10, 2017*
- Full-paper submission: *March 15, 2017*
- Ordering of *TEHNOMUS Journal* Vol. XXIV, *March 30, 2017* (optional)
- Conference: *May 12-13, 2017*.

PAPER FORMAT

Please follow the conference format. Prospective authors are kindly invited to submit full papers (4-8 pages) in English including results, tables, figures and references. A maximum of two papers are accepted, by either a main or unique author.

Full text papers will be sent by email to tehnomus@fim.usv.ro.

The Organizing Committee can accept only *.doc or *.docx format. A paper template can be downloaded from <http://www.tehnomus.usv.ro>

PUBLICATION

All papers will be peer-reviewed. Selected papers will be published in the *TEHNOMUS Journal, New Technologies and Products in Machine Manufacturing Technology*, with ISSN number and indexed in the following international databases: *Ulrichs Web, IndexCopernicus, EBSCO and Scipio*.

FEES

The registration fee is 60€ (equivalent in RON), covering a maximum of two papers. The abroad participants can pay the fee at registration.

The *TEHNOMUS Journal* can be ordered before March 30, 2017 and paid at registration. The fee will be communicated on the conference site (about 20 €).

The fees will be paid in account IBAN RO53BTRL03401205W38647XX opened at TRANSILVANIA BANK, SUCEAVA branch, Romania, on the name ASOCIATIA TEHNOMUS.

A scanned copy of payment documents will be sent by email to the organizers.

Author's registration fee includes:

- Conference attendance
- Certificate of attendance
- Coffee breaks
- Gala dinner

Useful information (but not definitive):

Accommodation:

Hotel ** - 40 €, breakfast included

Hotel *** - 50 €, breakfast included

Campus: 20 € for a bed (2, 3 beds in one room)
or 25 € for a single room.

The above information and more are also provided on the conference web page at <http://www.tehnomus.usv.ro>.

If you have any questions please do not hesitate to contact us at tehnomus@fim.usv.ro.

THE 19th INTERNATIONAL CONFERENCE TEHNOMUS NEW TECHNOLOGIES AND PRODUCTS IN MACHINE MANUFACTURING TECHNOLOGIES



FIRST CALL FOR PAPERS TEHNOMUS XIX

Organized by:
Department of Mechanics & Technologies
Faculty of Mechanical Engineering, Mechatronics
and Management
"ȘTEFAN CEL MARE"
UNIVERSITY of SUCEAVA, ROMANIA

with the assistance of:
**Minister of National Education and Minister of
Research and Innovation**
Tehnomus Association
Sidem S.R.L.
Primagra S.R.L.

May 12 - 13, 2017
Suceava, ROMANIA