

## CALL FOR PAPERS

The participants are encouraged to submit a paper. Papers are sought for all topics corresponding to **SISOM 2019 and Symposium of Acoustics** subject matters. The paper must be in English and should present material that is novel. Submission of a paper requires two steps for consideration:

### 1. Registration

All participants are requested to register themselves using the Registration Form by Email or "ON LINE"

### 2. Submission of a brief Abstract

The Abstract, submitted by e-mail or "ON LINE", is limited to 150 words. It should not contain figures, drawings or extended references.

**Registration and Abstract must reach the Secretary no later than 15 March, 2019.**

Contributors will be informed of the decision of Committee, by **March 30, 2019**. The author of an accepted abstract is invited for presentation and to submit a paper. The paper has to be prepared in Microsoft Word and **is limited to six A4 pages**. It should be prepared as attractively as possible, with details on the web page [www.imsar.ro](http://www.imsar.ro). The text must be 11 point in size.

**The dead line for the full paper submission is April 12, 2019.**

### Publications

Contributors will be informed of the decision of the International Papers Committee on the publishing their paper, after Symposia. Instructions for publishing the papers will be provided after the Symposia. A hardcover book of Proceedings will appear after the conference.

Detailed information about the Conference may be found at its web page [www.imsar.ro](http://www.imsar.ro) and on the web page of the symposia.

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Prof. Andrei Craifaleanu, Politehnica Univ., Bucharest

Prof. Marcel Migdalovici, Institute of Solid Mechanics

### Accommodation

The Symposia will be held at Bucharest, at the Institute of Solid Mechanics of the Romanian Academy and at the place of Politehnica University of Bucharest, excepting first day. There is Hotel "Leu" of the Politehnica University.

## ROMANIAN ACADEMY INSTITUTE OF SOLID MECHANICS



Co-organizers

ACADEMY OF TECHNICAL SCIENCES,  
COMMISSION OF ACOUSTICS  
OF ROMANIAN ACADEMY

First Announcement  
and  
Call for papers

ANNUAL SYMPOSIUM  
OF THE INSTITUTE  
OF SOLID MECHANICS

**SISOM 2019**

And

**Symposium of Acoustics**

### Sponsors

- AGIR- General Association of Romanian Engineers
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**BUCHAREST**

**May 16 -17, 2019**

## GENERAL INFORMATION

The **SISOM 2019 and Acoustics Symposium of Romanian Academy** will be held from **May 16 to May 17, 2019**, in Bucharest, Romania.

Correspondence related to **SISOM 2019** should be sent to senior researcher **Dr. Marcel Migdalovici**, I.M.S.A.R., email: [marcel\\_migdalovici@yahoo.com](mailto:marcel_migdalovici@yahoo.com)

Correspondence related to **Symposium of Acoustics** should be sent to prof. Ioan Magheți and prof. Inge Gavăț, University Politehnica from Bucharest, email: [ioan\\_magheti@yahoo.com](mailto:ioan_magheti@yahoo.com) and [i\\_gavat@yahoo.com](mailto:i_gavat@yahoo.com)

All information on transportation and accommodation is available at the Tel./ Fax +40 213126736 and

E-Mail: [veturiachiroiulie@gmail.com](mailto:veturiachiroiulie@gmail.com) or

[marcel\\_migdalovici@yahoo.com](mailto:marcel_migdalovici@yahoo.com)

### Sessions for both Symposia

- Acoustics
- Continuum Mechanics and Biomechanics
- Waves, Vibrations and Control Theory
- **Mechanics of Materials**, Tribology
- Robotics and Mechatronics

### Topics

- Physical Acoustics
- Architectural Acoustics
- Noise and Vibration Control
- Underwater Sound
- Electroacoustics and Transducers
- Ultrasonics
- **Language and speech technology**
- Spoken Language Analysis, Synthesis, Recognition and Understanding
- Speech Processing for Communications, Multi-media and Man-machine Dialog
- Natural Language Processing
- Modeling in Continuum Mechanics
- Wave Propagation
- Dynamical systems and Vibrations
- Optimization, identification and Control
- Experimental Mechanics
- Friction and Wear
- Robotics and Mechatronics
- Biomechanics and Bioacoustics
- Computational Mechanics and Acoustics
- Intelligent materials
- Nanomechanics

## KEYNOTES SPEAKERS

**Prof. Dr. Tudor SIRETEANU**

**Corresponding member of the Romanian Academy  
Conference Chair**

In the **Symposium of Acoustics** will be organized the session “**Language and speech technology**” coordinated by

**Prof. Dumitru STANOMIR and Prof. Inge GAVĂȚ**

from the Faculty of Electronics, Telecommunications and Information Technology of the University “Politehnica” Bucharest.

The Symposium SISOM 2019 is the XXVIII<sup>th</sup> in a series of Annual Symposia held by Institute of Solid Mechanics of the Romanian Academy.

The main purpose of the meetings is to bring together specialists from various branches of mechanics and acoustics to provide an exchange of ideas, to discuss new models and non-standard problems in modern mechanics.

Traditionally, the Institute of Solid Mechanics and Commission of Acoustics are interested to join in many different environments where mechanics is developed and applied, and to examine current knowledge, the results of ongoing research projects and recent advances in mechanics.

The symposia topics cover a wide range of subjects in the fields such acoustics, noise and vibration control, dynamical systems, mechanics of deformable media, computational mechanics, ultrasonics, tribology, nanomechanics, robotics and mechatronics.

We would be delighted to see your presentation at the Symposia.

Also, the participants at the Symposia are invited to visit our city, Bucharest, located at the southern of Romania, at 64 Km north of Danube River and 250 Km west of the Black Sea. Our capital is a largest city, a blend of old and new, of traditional and modern, that represents its originality and charm. Bucharest is one of the most beautiful European capitals, cultural and social life brilliance, atmosphere and architecture brought him rightly called “Little Paris”.

## REGISTRATION FORM

**SISOM\_2019 and Symposium of Acoustics  
MAY 16 – 17, 2019**

All authors that intend to participate to the **SISOM\_2019 and Symposium of Acoustics of the Romanian Academy** are kindly requested to fill in the following form:

**Name of all authors**.....

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**Affiliation of all authors**.....

.....

**Official domain of activity for all authors**.....

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**E-mail for all authors**.....

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**The paper' title**

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.....

**Corresponding author**.....

.....

**Please send this form and abstract  
by E-mail, no later than March 15, 2019, to**

[ioan\\_magheti@yahoo.com](mailto:ioan_magheti@yahoo.com) and [i\\_gavat@yahoo.com](mailto:i_gavat@yahoo.com) in the acoustics field and also to

[marcel\\_migdalovici@yahoo.com](mailto:marcel_migdalovici@yahoo.com) in other fields.