

CALL FOR PAPERS

SISOM 2020 is the 29th edition of the Annual Symposium of the Institute of Solid Mechanics and the 12th edition of the Commission of Acoustics Session. This Conference aims to be a main podium for the presentation of the state of the art research work in Applied Mechanics, Acoustics, Robotics and Mechatronics. The event will be a perfect chance to attracting academician and practitioners in the field to exchange knowledge, experience and ideas on the following **topics** (which are not limited to):

- **Control systems and mechanical engineering**
- **Acoustics and noise control**
- **Architectural acoustics**
- **Speech processing for communications**
- **Robotics and mechatronics**
- **Automobiles and automotive engineering**
- **Biomechanics and biomedical engineering**
- **Composite and smart materials**
- **Smart structures and systems**
- **Computational mechanics and techniques**
- **Shock and vibration**
- **Tribology**
- **Fluid dynamics, fluid mechanics and machinery**
- **Nonlinear dynamics**
- **Simulation and testing**
- **Structural dynamics**
- **System dynamics and simulation**

We invite authors to submit original and high-quality articles on the above mentioned topics. Submissions must be original, unpublished work, and not have been submitted to another conference or journal for publication. The paper has to be written in English and typed using Microsoft Word. Paper length cannot exceed 6 pages in the 11pts.

Submission of a paper implies that should the paper be accepted for publication in the conference proceedings, at least one of the authors will register and present the paper in the conference.

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ROMANIAN ACADEMY
Section of Technical Sciences
Institute of Solid Mechanics
Commission of Acoustics



Second Announcement
and
Call for papers

ANNUAL SYMPOSIUM
OF THE INSTITUTE
OF SOLID MECHANICS
and
Session of the
Commission of Acoustics

SISOM 2020

BUCHAREST

September 17 -18, 2020

GENERAL INFORMATION

SISOM 2020 and Session of the Commission of Acoustics of Romanian Academy will be held from September 17-18, 2020, in Bucharest, Romania.

Correspondence related to **SISOM 2020** should be sent to senior researcher **Dr. Marcel Migdalovici**, I.M.S.A.R., email: marcel_migdalovici@yahoo.com

Correspondence related to **Session of the Commission of Acoustics** should be sent to prof. Ioan Magheti and prof. Inge Gavät, Politehnica University of Bucharest, E-mails: ioan_magheti@yahoo.com and i_gavat@yahoo.com

For further information please feel free to contact us at Tel./Fax +40 213126736, or veturiachiroiuilie@gmail.com, anamariamitu@yahoo.com, marcel_migdalovici@yahoo.com

Registration

All participants are requested to register using the Registration Form by E-mail.

Submission of a brief Abstract

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

Registration and Abstract must be submitted to the Secretary no later than August 30, 2020.

The authors will be informed about the decision of the Scientific Committee by **September 14, 2020**. The author of an accepted abstract is invited to submit the full paper. The guidelines and template for papers are given at the web page www.imsar.ro.

The deadline for the full paper submission is September 7, 2020.

Publication

The accepted and presented papers will be included in the Proceedings of SISOM 2020. Also, the best papers will be invited to be published as extended articles in Romanian Journal of Technical Sciences, Applied Mechanics of the Romanian Academy (Ro. J. Sci.-Appl. Mechanics).

KEYNOTES SPEAKERS

T. Sireteanu, A.M. Mitu, O. Solomon, M. Giuclea, *Oscillating systems with piecewise linear characteristics. Theory and applications.*

L. Vlădăreanu, *Intelligent Versatile Portable Interfaces for Navigation, Control and Remote Sensing Mobile Robots.*

L. Munteanu, V. Chiroiu, R. Ioan, C. Rugină, *On the intrinsic acoustic performances of the noise barriers*

The session **“Language and speech technology”** coordinated by Professors Dumitru Stanomir, Inge Gavät and Svetlana Segărceanu will be organized in the Acoustics Symposium.

WORK – SHOP on Robotics (IMSAR Robotics Laboratory) is coordinated by Professor Luige Vlădăreanu.

The first day session will be held at Bucharest, Casa Academiei, Calea 13 Septembrie, No. 13, Luxemburg Hall. The sessions of the second day will take place at the Institute of Solid Mechanics of the Romanian Academy, Constantin Mille Str., No. 15 and at the place of University "Politehnica" of Bucharest, Department of Mechanics, Splaiul Independentei, No. 313 (Session of the Commission of Acoustics).



House of the Romanian Academy



University "Politehnica" of Bucharest

REGISTRATION FORM

SISOM 2020
and
Session of the Commission of Acoustics
September 17 -18, 2020

All authors that intend to participate to the **SISOM 2020 and Session of Acoustics of the Romanian Academy** are kindly requested to fill in the following form:

Authors names

Authors affiliation.....

Authors domain of activity

Authors E-mails

The paper title

Corresponding author.....

Please send this registration form and abstract by E-mail, no later than **March 30, 2020**, to:

- ioan_magheti@yahoo.com and i_gavat@yahoo.com for papers in the acoustics field
- marcel_migdalovici@yahoo.com for other fields
- anamariamitu@yahoo.com