

First Announcement

European-Latin-American Conference of Theoretical and Applied Mechanics (ELACTAM-2019)

University of Havana, February 11-15, 2019

Organised by

- Faculty of Mathematics and Computation, University of Havana, Cuba.
- Institute of Cybernetics, Mathematics and Physics of the Academy of Sciences of Cuba.
- Institute of Mechanics, Univ. Magdeburg and Technical University Berlin, Germany.

Scientific committee and review board alphabetic order

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- Federico SABINA. Instituto de Investigaciones en Matemáticas Aplicadas y en Sistemas. Universidad Nacional Autónoma de México. CDMX. México.
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- Thomas BÖHLKE. Karlsruhe Institute of Technology, Germany.
- Rubens SAMPAIO. Pontifícia Universidade Católica do Rio de Janeiro , Brazil.
- Samuel FOREST. Centre des Materiaux, Mines ParisTech, France.
- Francesco dell'ISOLA. Università di Roma La Sapienza, Italy.
- Volne TITA. Universidade de São Paulo, Escola de Engenharia de São Carlos, Departamento de Engenharia Aeronáutica.
- Jose MERODIO. Departamento de Mecánica de los Medios Continuos y T. Estructuras, E.T.S. de Caminos, Canales y Puertos, Universidad, Politécnica de Madrid, 28040 Madrid, España.
- Pierre SEPPECHER. University of Toulon, France.
- Frederic LEBON. Aix-Marseille University-Laboratoire de Mécanique et d'Acoustique (LMA), Marseille, France.
- Renald BRENNER. Sorbonne Universités, UPMC Univ Paris 06, Institut Jean le Rond d'Alembert, Paris, France.
- Leslie D. PÉREZ-FERNÁNDEZ. Universidade Federal de Pelotas, Departamento de Matemática e Estatística, Instituto de Física e Matemática, Rio Grande do Sul, Brazil.
- Julian BRAVO-CASTILLERO. Instituto de Investigaciones en Matemáticas Aplicadas y en Sistemas. Universidad Nacional Autónoma de México. CDMX. México.
- Jose ANTONIO-OTERO. Instituto Tecnológico de Estudios Superiores de Monterrey CEM, Estado de México, México.

Local organizing committee

- Reinaldo RODRIGUEZ-RAMOS (Chairman). Facultad de Matemática y Computación, Universidad de La Habana.
- Raul GUINOVART-DIAZ. Facultad de Matemática y Computación, Universidad de La Habana.
- Alejandro MESEJO-CHIONG. Facultad de Matemática y Computación, Universidad de La Habana.
- Juan Carlos LOPEZ-REALPOZO. Facultad de Matemática y Computación, Universidad de La Habana.
- Angela LEON MECÍAS. Facultad de Matemática y Computación, Universidad de La Habana.
- Mariano RODRIGUEZ-RICARD. Facultad de Matemática y Computación, Universidad de La Habana.
- Carlos A. GANDARILLA-PEREZ. Facultad de Física, Universidad de La Habana.

This will be the second conference centred around topics of mechanics and its applications. The conference will consist of expository talks with a duration of 20 - 30 min each. We expect to have a series of lectures devoted to different research fields of theoretical and applied mechanics. The main topics of the conference are

- fluid mechanics

- solid mechanics
 - vibrations and wave propagation
 - new materials and material modelling
 - computational mechanics
- and others.

The objective of this meeting is to facilitate exchange of ideas and experiences between researchers, professors, students from Latin-America with their colleagues from Europe, Asia, and North-America. We hope that this meeting generates a cordial and relaxed atmosphere for work and exchange. Cuba is known for its touristic opportunities, including eco-tourism, its colourful cultural and literary heritage, and its deep historical interest.

There exist antecedents of exchanges between Latin-American research and outside groups, which have been developed as a result of these type of scientific meetings. Lectures will be invited from prominent and internationally recognised researchers from Latin-American and European countries. Scientists from outside Europe and Latin-America are also cordially invited to participate. Besides invited talks, participants are encouraged to give contributed talks within the general scope of the meeting.

Submission of the papers

The ELACTAM-2019 conference proceedings will consist of one-page extended abstracts. Please use single-line space to save space. The first line is the paper title and it should be of size 14 with **ALL CAPITAL LETTER "bold"** typeset. The second line is blank, the third line is the name of the authors in bold face, font size 11, centered. The fourth line is the postal mailing address, preferably written in only one line, non-bold, font size 11, also centered. The rest of the text is also in font size 11. Please keep approx. 3/4 inch margin on all edges. The final abstract must be submitted until January 10, 2019 to:

reinaldo@matcom.uh.cu

Proceedings

It is planned to publish the final papers after the conference in a special issue of an international scientific journal *Technische Mechanik* (public access)

http://www.uni-magdeburg.de/ifme/zeitschrift_tm/04_Startseite/index_eng.html

The dead-line for the submissions will be shortly after the conference and announced there.

Registration fee

The registration fee of the conference is **300 CUC**. It must be payed during the registration day of the conference. It includes coffee breaks, lunch, conference dinner.

Chairman of ELACTAM-2019: Reinaldo Rodriguez. Facultad de Matemática y Computación, Universidad de La Habana. E-mail: reinaldo@matcom.uh.cu

Co-Chairman of ELACTAM-2019: Albrecht Bertram. Institute of Mechanics, Technical University Berlin, Germany. E-mail: albrecht.bertram@ovgu.de