

## First Announcement

### European-Latin-American Conference of Theoretical and Applied Mechanics (ELACTAM-2016)

University of Havana, February 22.-24., 2016

#### 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, University of Magdeburg, Germany.

#### Scientific committee and review board

- Albrecht BERTRAM. Institute of Mechanics, University of Magdeburg, Germany.
- Federico SABINA. Instituto de Investigaciones en Matemáticas Aplicadas y en Sistemas. Universidad Nacional Autónoma de México. México. D.F. México.
- Guillermo MONSIVAIS. Instituto de Física. Universidad Nacional Autónoma de México. México. D.F. México.
- Marcelo EPSTEIN. Mechanical Engineering, University of Calgary, Canada.
- Rubens SAMPAIO. Pontifícia Universidade Católica do Rio de Janeiro, Brazil.
- Samuel FOREST. Centre des Matériaux, Mines ParisTech, France.
- Francesco dell'ISOLA. Università di Roma La Sapienza, Italy.
- Jens JENSEN. Univ. of Appl. Sciences, Bremen, Germany.
- 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.
- Roger BUSTAMANTE. Universidad de Chile.
- Pierre SEPPECHER. University of Toulon, France.
- Frederic LEBON. Laboratoire de Mécanique et d'Acoustique. LMA, CNRS, France.

#### Local organizing committee

- Reinaldo Rodriguez-Ramos (Chairman). Facultad de Matemática y Computación, Universidad de La Habana.
- Julian Bravo-Castillero. Facultad de Matemática y Computación, Universidad de La Habana.
- Raul Guinovart-Díaz. 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.
- Jose Antonio-Otero. Instituto Tecnológico de Estudios Superiores de Monterrey CEM, E.M., 52926, México.

This will be the first conference centred around topics of mechanics and its applications. The conference will consist of expository talks with a duration of 20 - 25 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 the followings:

- fluid mechanics
- solid mechanics
- vibrations and wave propagations
- 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-2016 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, fond size 11, centered. The fourth line is the postal mailing address, preferably written in only one line, non-bold, fond size 11, also centered. The rest of the text is also in fond size 11. Please keep approx. 3/4 inch margin on all edges. The final abstract must be submitted until Dec. 15th, 2015 to:

**Chairman of ELACTAM-2016:** Reinaldo Rodriguez. Facultad de Matemática y Computación, Universidad de La Habana. E-mail: [reinaldo@matcom.uh.cu](mailto:reinaldo@matcom.uh.cu)

**Co-Chairman of ELACTAM-2016:** Albrecht Bertram. Institute of Mechanics, University of Magdeburg, Germany. E-mail: [albrecht.bertram@ovgu.de](mailto:albrecht.bertram@ovgu.de)

#### **Proceedings**

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

[http://www.uni-magdeburg.de/ifme/zeitschrift\\_tm/04\\_Startseite/index\\_eng.html](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 **280 €** It must be payed during the registration day of the conference. It includes coffee breaks, lunch, conference dinner.