

***Deterministic, stochastic dynamics, control of oscillating systems and
their applications to engineering and science***

J. M. Balthazar, A. M. Tuset, P. B. Gonçalves, A. Cunha Jr, E. M. Jarzębowska

We would like to kindly invite you to contribute to this Mini-Symposium, which we are organizing at the **5th International Conference on Structural Dynamics and Diagnosis (CSNDD'2020)** to be held in Marrakech, Morocco, on 21-24 of June, 2020.

---- Mini-Symposium description ----

This mini-symposium is a forum to communicate and share new ideas, methodologies, results and current challenges in the area of nonlinear dynamics and chaotic systems. Contributions are solicited in all aspects of nonlinear dynamics. Topics of interest include, but are not limited to: (i) nonlinear periodic systems; (ii) chaotic phenomena; (iii) nonlinear energy transfer and localization phenomena; (iv) non-smooth effects; (v) synchronization phenomena; (vi) multi-scale and multi-physics phenomena; (vii) fluid-structure interaction; (viii) analytical methods for dynamical systems; (ix) numerical methods for dynamical systems; (x) experimental techniques for dynamical systems; (xi) control and optimization of dynamical systems; (xii) uncertainty quantification methods; (xiii) applications of nonlinear dynamics.

---- Venue ----

The venue of the conference is the fascinating city of Marrakech, a place that invites visitors to succumb to its very special atmosphere, which combines authenticity and modernity. In the old Medina you enjoy an endless labyrinth of alleys, where it is pleasure to walk. You will at any time take you to sip a traditional mint tea or a delicious orange juice. In 2015 Marrakech was named world's best destination by TripAdvisor as London ranks sixth behind Prague and Hanoi. Marrakech is a former imperial city and one of the most popular cities for tourists in North Africa. It is home to beautiful mosques, palaces and gardens, as well as the famous Jemaa el-Fnaa square and souk market. The conference will take place at a 5 stars Hotel located 20-minute drive from Marrakeck-Menara International Airport, 15-minute walk from the Agdal Gardens and 10-minute drive from the medina and its famous Jemaa el-Fna Square. The Hotel offers a discount for the participants.



---- Practical details ----

Registration starting: **September 1, 2019**

Deadline for submitting abstract: **December 31, 2019**

Early registration: **March 15, 2020**

Deadline for submitting full paper (optional): **April 20, 2020**

More information about CSNDD'2020 may be found at the website:

<https://csndd2020.sciencesconf.org/>

----- About CSNDD'2020 -----

The CSNDD'2020 will provide a forum where scientists from different branches of applied mechanics and mathematics working in nonlinear dynamics and structural systems can meet to share ideas and findings of their research on methods and applications. The meeting is also a forum to discuss the latest achievements, to exchange experience in theoretical, numerical and experimental techniques for solving problems in structural linear and nonlinear dynamics, diagnosis and control.

Previous editions of CSNDD were held in:

Tangier, Morocco (2018)
Marrakech, Morocco (2016)
Agadir, Morocco (2014)
Marrakech, Morocco (2012)

----- Visa information -----

Information about the countries whose citizens require a visa to enter Morocco are available at the website:
https://en.wikipedia.org/wiki/Visa_policy_of_Morocco

----- Currency exchange info -----

Morocco's official monetary unit is the dirham. The Morocco currency consists of a twenty, fifty, one hundred and two hundred dirham note, and many dirham coins. One U.S. dollar is roughly equivalent to 9 dirham's.

We would appreciate if you could forward this information to your colleagues who may be also interested in this conference, and encourage them to submit abstracts to our mini-symposium.

Best wishes,

Prof. José Manoel Balthazar
Technological Institute of Aeronautics, Brazil
email: jmbaltha@ita.br

Prof. Angelo Marcelo Tuset
Federal University of Technology – Paraná, Brazil
email: tuset@utfpr.edu.br

Prof. Paulo Batista Gonçalves
Pontifical Catholic University of Rio de Janeiro, Brazil
email: paulo@puc-rio.br

Prof. Americo Cunha Jr
Rio de Janeiro State University, Brazil
email: americo@ime.uerj.br

Prof. Elżbieta Jarzębowska
Warsaw University of technology, Poland
email: elajarz@meil.pw.edu.pl