

Scientific Programme

The topics of the 18th International Congress on Sound and Vibration include:

Active Noise and Vibration Control
Aero-Acoustics and Airframe Noise
Airport noise
Architectural and Building Vibro-Acoustics
Audiology, Hearing Aids and Cochlear Implants
Combustion Noise and Thermo-Acoustics
Community and Environmental Noise
Condition Monitoring and Vibration Testing
Damping Technology and Materials
Education in Acoustics, Noise and Vibration
Fault Diagnosis and Prognosis
Flow Induced Noise and Vibration
Hearing Protectors
Human Response to Noise and Vibration
Hydroacoustics
Measurement Techniques and Sensors
Metrology in Acoustics and Vibration
Modal Analysis
Molecular and Quantum Acoustics
Musical Acoustics
Noise and Vibration in Vehicles
Nonlinear Acoustics and Vibration
Numerical Methods for Acoustics and Vibration
Passive Noise and Vibration Control
Pattern Recognition in Acoustics and Vibration
Psychological / Physiological Acoustics
Signal Processing in Acoustics and Vibration
Speech Synthesis and Recognition
Standards in Acoustics, Noise and Vibration
Transportation and Noise
Ultrasound applications
Underwater and bio-acoustics
Vibration of Smart and Composite Material Systems
Wave Propagation in Fluids, Solids and Structures

A complete list of structured and regular sessions is available at the conference website www.icsv18.org

Registration fees

Values given in Brazilian currency, Real (BRL)

Category	Early (BRL)	Late (BRL)	On-site
	Until 31 March, 2011	Until 15 June, 2011	
IIAV Member	1100	1270	1450
Non-IIAV Member	1270	1420	1600
Student	550	650	650
Accompanying person		400	

Key Dates

Abstract submission: 20 January, 2011
Notification of acceptance: 28 February, 2011
Full length paper & early registration: 31 March, 2011

CONGRESS SECRETARIAT
icsv18@metaeventos.net



OFFICIAL TRAVEL AGENCY
jax@jaxtours.com.br



For further information, please visit:

www.icsv18.org



Organised by

The International Institute of Acoustics and Vibration (IIAV)

In Cooperation with

Brazilian Acoustical Society (SOBRAC)
Federal University of Rio de Janeiro (UFRJ)
Brazilian Institute of Metrology (INMETRO)
Federal University of Santa Catarina (UFSC)

International Organising Committee

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Samir N. Y. Gerges (UFSC)

Second announcement
December, 2010

Invitation

We are pleased to welcome you to the 18th International Congress on Sound and Vibration (ICSV 18) to be held in Rio de Janeiro, Brazil, from 10 to 14 July 2011. ICSV is one of the leading world congress series in the fields of acoustics and vibration and therefore is a major opportunity for the presentation of latest results and learning about the most advanced theories, technologies and applications. It is the annual premier world event organized by the International Institute of Acoustics and Vibration (IIAV).

The Country

Brazil is a country of continental dimensions and is the only Portuguese speaking country in the Americas. It is home to a diversity of wildlife, natural environments and extensive natural resources in a variety of protected habitats. The culture is also a vivid expression of the country. The unique mix of people from all over the world gives Brazilian rhythms a special taste. Brazilian economy, industry and research are also quite diverse, from oil & gas to agriculture, from airplanes to ore extraction, from plastic surgery to architecture.

The City

Rio de Janeiro is a cosmopolitan metropolis known worldwide for its scenic beauty and its natural resources. The city provides a harmonious and agreeable environment for its inhabitants and visitors, for both leisure and work, which combined with its infrastructure, makes Rio an important centre for commerce and services. The city, which welcomes all visitors with kindness and hospitality, will also host the final of the 2014 FIFA World Cup and the 2016 Olympic Games.

Congress Venue

ICSV18 will be held at five-star Windsor Barra Hotel, which has excellent conference facilities and is located in the Barra da Tijuca neighborhood, facing its amazing beach. Barra da Tijuca is Rio's most modern living complex and community, offering innumerable attractions.



A variety of hotel rooms in close vicinity to the Congress venue in all categories are already reserved at reasonable prices.

Social Programme

The social programme for the ICSV18 participants and accompanying persons will take you to the thrilling Brazilian Universe. The Samba rhythm, the typical cuisine and the energy of the people will make you experience a true Carioca night. (Carioca is how people born in Rio are called). For a deeper Carioca experience, several local tour options will be available for booking, such as visits to the Christ Statue, Sugar Loaf, Historical Rio, Guanabara Bay Boat Ride and more. Also, Pre- and Post-Conference Tours are available for those who are interested either in knowing beautiful nearby places or in side-trips to other regions of the vast Brazilian territory, such as The Iguazu Falls, The Amazon and others.

Keynote Speakers

- J. R. F. Arruda (Brazil) - Signal Processing in Sound and Vibration
- Lex Brown (Australia) - Soundscapes and Soundscape Planning
- J. E. Ffowcs Williams (UK) - Aeroacoustics
- Mardi Hastings (USA) - Sound in the Ocean: Acoustical Interactions with Marine Animals
- Andrei Metrikine (The Netherlands) - Stability and Nonlinear Dynamics of Offshore Risers
- M. L. Munjal (India) - Recent advances in Muffler Acoustics
- Michael Vorländer (Germany) - Virtual Acoustics

Exhibition

Leading Companies in the field are invited to take part in the ICSV18 Exhibition, where researchers, engineers and technical staff from all over the world will have direct access to their products and services.

Submission of abstracts & full papers

Contributing authors are kindly requested to submit an abstract related to the conference topics (300 words maximum) through the congress web site. Authors of accepted abstracts will be asked to submit the full paper in an appropriate template.



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