COUNCIL OF VIBRATION SPECIALISTS

(Non-profit, Section 8, Companies Act 2013, MCA, Govt. of India)

BENGALURU CHAPTER

THE GARDEN CITY, THE SILICON CITY
THE VIBRANT CITY, THE VIBRATION CITY

Presents

INternational conference on Vibration Engineering Science & Technology

INVEST 2023

17th - 18th November 2023

JN Tata Auditorium

Indian Institute of Science, Bengaluru, India, PIN - 560012

National Science Seminar Complex, IISc Campus

CONFERENCE TRACKS AND SESSIONS

The deliberations in INVEST 23 are grouped into various Sessions which correspond to research and application domains in Vibration Engineering, Science, and Technology.

- *Vibration Monitoring and Diagnostics - Turbomachinery, Pumps, Blowers*
- *Automotive Noise, Vibration and Harshness (NVH)*
- *SHM and Diagnostics - Static/ High Rises/ Structures under Blast & Impact*
- *Sensors, Sensing Systems and Calibration incl high frequency sensors, ultrasound)*
- *Human Health and Bio-Medical Engineering equipment*
- *Acoustics - Environmental Noise, Electroacoustics, Underwater*
- *Energy Harvesting from Vibrating Mechanisms*
- *Education, Training, and Certification*
- *Transportation including Automobile, Aerospace, Rail & Off-Highway*
- *Renewable or Green Energy - hydrogen, wind and solar power*
- *Technology, ML & AI, Predictive Analytics in Industry 4.0*
- *Vibration and Noise - Control and Isolation*
- *Computational Methods and Probabilistic Models in Vibration Analysis*
- *Miscellaneous/Inter-disciplinary areas in Vibration, Reliability, Asset Management*

IMPORTANT DATES

Event	Date
Online Paper Submission	15 May,2023
Last Date of Paper Submission	31July,2023
Notification Of Acceptance	15 August,2023
Registration &Camera Ready Paper Submission Begins**	15 October,2023
Last Date Registration & Camera Ready Paper Submission	31 October,2023
Date of Conference	17 & 18 November, 2023

**Non-presenting delegates can register anytime between 15 May, 2023 and 10 November, 2023. However, they can avail an early bird discount of 10% if they register on or before 31 August, 2023. A further discount of 5% is given to CVS members.

REGISTRATION DETAILS

Category	Fees (Including GST)
Industry delegate (Author presenting)	Rs. 5900/-
Industry delegate (Non-presenting)	Rs. 4720/-
Engineering College Faculty/ Govt. Organization (Author presenting)	Rs. 4720/-
Engineering College Faculty/ Govt. Organization (Non-presenting)	Rs. 2950/-
Student (Author presenting)	Rs. 2360/-
Student (Non-presenting delegates)	Rs. 1770/-
Delegate from Abroad (Author presenting)	USD 200/-
Delegate from Abroad (Non-presenting)	USD 150/-

CONTACT US

Name	CVS Designation	Company Designation
Dr. Amalesh Barai	Chair - Conference (papers)	Prof Jain Engineering College, Bengaluru
Er. Girish Doddamani	Chair- Conference & Sponsorship	CEO, Enviro Sense Tech, Bengaluru
Er. Rajshekhar Uchil	Chair - Conference (General)	Director Elect ISA Aerospace &Test Divn , Bengaluru

Additional Information, visit: www.covs.in

For any queries, email to: invest@covs.in ,

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ADVISORY COMMITTEE

Name	Designation	Company/Institute
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Dr. R. S. Jangid	*Sr. Prof of Structural engineering*	*Indian Institute of Technology Bombay, Mumbai*

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Name	CVS Designation	Company/Institute Designation
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Dr. SKM Rao	*Vice Chairman, CVS Bengaluru Chapter*	*CEO - Envicon Vibrotech Pvt Ltd, Bengaluru*
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Dr. Srinivas Voggu	*Chair - Static, Chair - Students*	*Sr. Principal Scientist, SERC, CSIR, Chennai*
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Er.Niranjan Bhise	*Secretary, CVS Mumbai Chapter*	*Director, NB Engineers and Controls, MUmbai*

REVIEW & CONFERENCE PUBLICATION COMMITTEE

Name	Company/Institute	Name	Company/Institute
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Dr. Amiya R. Mohanty	Prof., Mech Engineering, IIT Kharagpur	Dr. Chinmaya Kar	SME, Honeywell International, UAE
Dr. Chandramouli V.	Consultant & Ex- PES University	Dr. C S Manohar	Prof., Indian Institute of Science
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Dr. Arun Jalan	*Prof., BITS, Pilani*	*Dr. Srinivas V.*	*Sr Principal Scientist, SERC-Chennai*

ABOUT CONFERENCE

INVEST23, the International Conference on Vibration Engineering, Science, and Technology (INVEST 23), is the second conference of Council of Vibration Specialists (CVS) and organized by CVS - Bengaluru Chapter in Bengaluru at J N Tata Auditorium, IISc Campus. The conference INVEST23 will be held in physical mode on November 17 & 18, 2022 with parallel session in Simulation and Testing. The deliberations in INVEST 23 will emphasize on the thrust areas from the field of NVH and associated specializations. The orally presented in the Conference and selected by review committee will be submitted for inclusion in indexed journal / digital library of repute. The conference committee has also instituted the Best Paper Award (open to all) and Young Researcher Award (for students) in each theme of INVEST 23 to appreciate the hard work and dedication of the engineers/ researchers towards carrying out novel research and/or resolving critical industry problems. The conference will also felicitate outstanding Vibration Experts.

ABOUT CVS

Council of Vibration Specialists (CVS), a non- profit organization (first of its kind in the country exclusively on Vibration) has been formed by some expert professionals dedicated to Vibration Science and Engineering, both from academia and industry, in order to scale up the reach of this inter-disciplinary specialization. There could be need to address design-reviews/reengineering in systems/ components from the site-experiences of vibration-induced flaws, to bring an awareness in every industry on huge energy-savings possibilities from machines with undesired high vibration and to speed up the vibration diagnostics and prognostics mechanism to a higher level of accuracy through the effective management of vibration knowledge, empowering the engineers with necessary world-class skills and theoretical inputs along with specialized certifications on Vibration.

ABOUT BENGALURU

The city of Bengaluru (previously known as Bangalore) is the Silicon Valley of India. It is also
known as Green City due to its eco-friendly greenery. The city also hosts large number of vibration research, education & training Institutes, large multi-national companies, vibration hardware & software OEMs, and number of instruments service providers including DRDO, ISRO, IISc, IAF, GTRE, NAL, ADA, HAL etc.

The November being the winter month, the best time to visit the city. It doesn't get very cold with the lowest temperature hovering around 10-25 degree cent., with humidity around 60% With many lakes and gardens to visit, the sightseeing and outdoor activities are most comfortable during this time. The most visited sights are Bangalore Palace, Tipu Sultan's Summer Palace, Lal Bagh Botanical Gardens, Nandi Hills, Cubbon Park, National Gallery Of Modern Art, Ulsoor Lake, Government Museum, nearby Mysore/ Mysore Palace.

CONFERENCE ORGANIZERS

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TO REACH VENUE:
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Distance from International Airport- 30 Km
Nearest Metro Yashwantpur Station: 2 Km
Nearest Sandal Soap Factory Metro: 1 Km

QR - Bank Details, INVEST23

Beneficiary Name	: Council of Vibration Specialists
Account Type	: Current
Account No.	: 100025012021
IFSC Code	: ESFB0009006
Bank Name	: EQUITAS Small Finance Bank Ltd.
Branch	: VASHI, Navi Mumbai