International Conference on Acoustics, Vibration and Green Technologies

December, 22-24, 2025, Sousse, Tunisia

ICAV-GreenTech 2025 | ATAVI

SCOPE

The International Conference on Acoustics and Vibration and Green Technologies ICAV-GreenTech'2025 will be held at Sousse in Tunisia from 22 to 24 December 2025. The Tunisian Association of Industrial Acoustics and Vibration (ATAVI) is organising this conference and is pleases to invite scientists and engineers to attend this scientific event.

PROGRAM

During three days, the conference will include plenary sessions, special sessions, oral and poster presentations. Accepted papers and posters will be published in the conference proceedings.

ICAV-GreenTech 2025 | ATAVI

ORGANISED BY

ATAVI

PARTNERS

Université de Sfax

ENIS

LA2MP

LSPM

cnrs

Université Sorbonne Paris Nord

UQAT Université du Québec en Abitibi-Témiscamingue

le cnam lmssc

UQAT Laboratoire de Biomatériaux

LASPi Laboratoire d'Analyse des Signaux & des Processus Industriels

LMPA Université Sétif 1, Algérie

IUT de Saint-Denis Université Sorbonne Paris Nord

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(216) 29885644 - (216) 22878780

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SUBMISSION OF PAPERS

The official language of the conference is English.

The authors have to provide a full paper according to the template available on the conference website and should submit the full version of their manuscripts online using EasyChair. For any additional information, please check the conference website :

https://atavi.org/ICAV-GreenTech2025/

IMPORTANT DEADLINES

Full Papers Due : **October 31, 2025**

Acceptance Notification **: November 15, 2025**

REGISTRATION FEES

Student : **600 Euros**

Academic : **650 Euros**

Industrial : **750 Euros**

CONFERENCE LOCATION



WELCOME To SOUSSE—TUNISIA on December 22-24, 2025

MAIN TOPICS

Acoustics, Vibrations & Smart Materials for Sustainable Industry

- Integration of acoustic and vibration technologies in sustainable manufacturing processes
- Smart, bio-based, and recycled materials for energy efficiency and structural resilience
- Eco-design of components and systems under environmental constraints
- Noise and vibration control in industrial and urban environments

Energy Transition & Intelligent Systems

- Vibration-based energy harvesting and self-powered devices
- Acoustic and vibratory monitoring of renewable energy systems (wind, solar, hydro)
- Predictive maintenance and fault diagnosis using AI, IoT, and digital twins
- Energy optimization through vibro-acoustic analysis in smart industry

Sustainable Mobility & Resilient Infrastructure

- Noise and vibration mitigation in electric and hybrid vehicles
- Intelligent diagnostics and monitoring of transport and civil infrastructure
- Structural health monitoring for climate-resilient infrastructure
- Life-cycle assessment of vibro-acoustic technologies in mobility and construction

Circular Economy, Innovation & Societal Impact

- Acoustic and vibration solutions for waste reduction and circular systems
- Dynamic behavior of recycled and reused materials in industrial contexts
- Public awareness, social acceptance, and education for sustainable vibro-acoustic innovation
- Research valorization and technology transfer for green innovation

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