

**VIT**Vellore Institute of Technology
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CALL FOR PAPERS

27TH NATIONAL CONFERENCE ON INTERNAL COMBUSTION ENGINES AND COMBUSTION

November 04 - 07, 2022*Organized by***VELLORE INSTITUTE OF TECHNOLOGY
VELLORE***Under the aegis of***THE COMBUSTION INSTITUTE - INDIAN SECTION (CIIS)
(Affiliated to The Combustion Institute Pittsburgh USA)****NCICEC 2022**

The Combustion Institute-Indian Section (CIIS) is delighted to announce and invite you to participate in the 27th National Conference on Internal Combustion Engines and Combustion (NCICEC 2022) organised by the Automotive Research Centre along with School of Mechanical Engineering, Vellore Institute of Technology, Vellore and SUNY Binghamton University, USA from 04 to 07 November, 2022. The goal of NCICEC 2022 is to provide a forum for scholars from academia, industry and research institutions to present advances and current challenges in combustion science. It will offer an environment conducive to exchanging ideas and information in the community involved in research and development works in the field of IC Engines, combustion and propulsion.

PAPER PUBLICATION

All accepted/presented papers will appear in NCICEC2022 Conference Proceedings / Book chapter indexed in Scopus. Extended versions of the selected papers will be submitted to SCOPUS and SCI-indexed journals. The Journal list will be improved till the conference time.

- ✓ 1. International Journal of Modelling and Simulation (SCOPUS / IF=2.7)
- ✓ 2. International Journal of Turbo & Jet-Engines (SCOPUS / IF=1.08)
- ✓ 3. Journal of Thermal Engineering (SCOPUS)
- ✓ 4. Sigma Journal of Engineering and Natural Sciences
- ✓ 5. * Sustainability (MDPI Special Issue) (SCOPUS / IF=2.57) * Article Processing Charges applicable.

IMPORTANT DATES

- ✓ Abstract Submission last date - August 31, 2022
- ✓ Deadline for submission of full length paper - September 30, 2022
- ✓ Notification of acceptance of full length paper - October 15, 2022
- ✓ Registration commences - October 16, 2022
- ✓ Registration closes - October 31, 2022
- ✓ Conference date - November 04 - 07, 2022

CONFERENCE THEMES

- Aerospace Combustion
- Combustion Chemistry and
- Reaction Kinetics
- Combustion Dynamics & Instability
- Detonation and Explosion
- Heterogeneous Combustion
- Combustion Diagnostics
- High Performance Computing of Combustion
- Gas Turbine and Rocket Engine Combustion
- Air-Breathing Engines
- Spray Combustion
- Droplet Evaporation and Burning
- High Ash Content Coal Gasification
- Carbon Sequestration/Carbon Capture and Utilization
- Biomass High Ash Coal Gasification
- Bio-fuels Production and Utilization
- Methanol production and Utilization
- Alternate Fuels for IC Engines
- Hydrogen Fuelled IC Engines
- IC Engines Simulation and Combustion
- Optical Diagnostics for IC Engines
- Engine Controls and Instrumentation
- Low Temperature Combustion (HCCI/PCCI/RCCI)
- Nano Additive for Combustion Enhancement
- Emissions Control Techniques for IC Engines
- Catalytic Converters for IC Engines
- Hybrid Electric Vehicle
- Energy Storage and Utilization
- Fire Research

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