

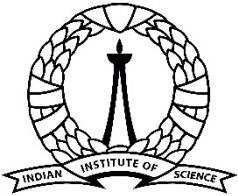
# iNCMDAO-2024

16-18, Dec. 2024,  
IISc. Bengaluru



*Call for papers: visit [ncmdao.org](http://ncmdao.org)*

## International and National Conference on Multidisciplinary Design, Analysis, and Optimization (iNCMDAO-2024)



भारतीय विज्ञान संस्थान  
[www.iisc.ac.in](http://www.iisc.ac.in)



[www.aerosocietyindia.co.in](http://www.aerosocietyindia.co.in)

This international conference follows the six national conferences on the MDAO theme held since 2018 ([ncmdao.org](http://ncmdao.org)). Indian Institute of Science (IISc) and the Aeronautical Society of India (AeSI) are the organizers of iNCMDAO-2024 that aims to bring together international researchers and the growing MDAO community in India from academia, industry, and government laboratories.

Topics

- Structural optimization: size, shape, and topology
- Design and optimization of materials, and metamaterials
- Multi-scale and multiphysics problems
- Metamodeling
- Systems design and optimization
- Optimization for additive manufacturing
- Optimization in biology
- Generative design
- Digital twins
- Evolutionary and Bayesian optimization
- Quantum algorithms for optimization
- Uncertainty modeling
- Reliability and robustness in design
- Impact of large language models in engineering optimization
- Transfer learning and one-shot learning for optimization
- Industry applications and case studies in optimal design
- Other emerging topics in MDAO.

<https://incmdao2024.iisc.ac.in/>

Email: [incmdao@gmail.com](mailto:incmdao@gmail.com)

# Confirmed Keynote Speakers



Prof. Ole Sigmund  
DTU



Prof. Kalyanmoy Deb  
Mich. State Univ.



Prof. Prabhat Hajela  
RPI



Prof. Sanghamitra Bandyopadhyay  
ISI-Kolkata



Prof. Sankaran Mahadevan  
Vanderbilt Univ.

<b>Call for participation</b>	<b>April 22nd, 2024</b>
<b>Abstract submission</b>	<b>July 2nd, 2024</b>
<b>Acceptance of abstracts</b>	<b>July 9th, 2024</b>
<b>Full paper submission</b>	<b>August 2nd, 2024</b>
<b>Acceptance of full papers</b>	<b>Sep. 13th, 2024</b>
<b>Final manuscripts</b>	<b>October 18, 2024</b>

The conference is held in Bengaluru, a major cosmopolitan city and a hub of science, engineering and technology.

*16-18, Dec. 2024*

*Bengaluru, India*

