

First Announcement



Indian Nuclear Society's International Conference

INSIC-2023

Nuclear for Clean Energy Transition

December 12-15, 2023
DAE Convention Centre, Anushaktinagar,
Mumbai 400094, India

Nuclear energy is an inevitable choice to achieve deep decarbonisation, since it is the largest source of base load power with minimum carbon footprint. This energy transition is critical to mitigate the climate change and to limit the rise in the global average temperature to 1.5°C. Sustainable scenarios for 2050 envisage three- to four- fold increase in nuclear power generation which along with other clean energy sources can achieve net zero emission target leading to a sustainable energy future. INSIC-2023 aims to bring together global experts from industry, R&D organisations and academia to deliberate on the directions for decarbonisation with nuclear as an essential foundation of this transition.

The conference will mainly consist of invited talks by experts and industry leaders, contributory posters, panel discussions and industrial exhibition. INSIC-2023 is being organized in association with Nuclear Power Corporation of India Limited (NPCIL).

Topics of the Conference

- Road to net zero emission and the energy mix for the future
- Generation III and III + reactors – accelerated growth and cost reduction
- Advanced nuclear reactors: SMR, HTGCR, MSBR etc.
- Life extension and management of aging nuclear reactors
- Nuclear hydrogen
- Emerging technologies in support of nuclear power deployment, security and safety
- Regulatory framework and challenges for emerging nuclear technologies
- Industry preparedness and participation
- Policies and public acceptance of nuclear energy

Convener: Kalsi Harish, Associate Director (International Cooperation) & Executive Advisor to CMD, NPCIL, Nabhiya Urja Bhavan, Anushaktinagar, Mumbai 400094, India

Co-convener: Rama Rao A, Indian Nuclear Society, Project Square, Anushaktinagar, Mumbai 400094, India

Conference Secretary: Gangotra Suresh, Indian Nuclear Society, Project Square, Anushaktinagar, Mumbai 400094, India



For more details, write to: insic2023@gmail.com

For Conference updates, please follow
www.insic2023.org and www.ins-india.org