CALL FOR POSTER PRESENTATION

Vacuum Insulation Panels (VIPs), the most advanced form of thermal insulation, have been known to enable buildings, transport equipment, and cold chain systems to achieve unprecedented levels of reduction in energy demand. These have recently played a significant role in delivering COVID-19 vaccines around the world. The 16th edition of the International Vacuum Insulation Symposium (IVIS) 2023 offers an apt platform for global scientists, engineers, manufacturers, end-users, social scientists, and policymakers to discuss and understand the challenges and opportunities involved in VIPs. In this context, a poster presentation is organized at College of Engineering (CEG), Anna University, Chennai in association with Brunel University London on Nov 6-7, 2023.

**POSTER PRESENTATION TOPICS - VACUUM INSULATION PANELS (VIPs)**

1. Material and insulation system characterization (microstructure, thermal characteristics, internal pressure, air permeability, gas diffusion, adsorption)
2. Heat, air and moisture transfer (from material to building, industrial product and process scale)
3. Ageing (theory and practical aspects)
4. Envelope (material, barrier performance, thermal bridging)
5. Core materials and additives (porous silica, fibers, foams, aerogel, perlites, opacifiers, getters, desiccants)
6. Life cycle assessment
7. Applications: buildings, cold chain equipment, cryogenics, transportation (cars, trains, shipping, reefer trucks), medical devices, low temperature storage (food, vaccine), high temperature storage (solar power plants, domestic and industrial storage)
8. Assessment of performance and standardization
9. Smart materials for insulation systems
10. New materials and manufacturing methods for insulation systems

This is not an exhaustive list; any submissions covering aspects of advanced insulation not listed here are also welcome.

**Registration fee**

- Academicians: ₹ 10,000/-
- Students/Research Scholars: ₹ 5,000/-

**Poster Abstract Guidelines**

- Poster abstract word count: 200 words in .pdf format. Abstract submission & contact email: ivis2023@annauniv.edu. Acceptance notification, registration, and payment procedure will be notified through email.

**Poster Guidelines**

- Posters should have the title (with authors affiliation & contact details), introduction, methods, results (with tables, graphs, and pictures), discussion, conclusion, references, and acknowledgements. Poster size: 1m X 1.5m; Text: 16-26 pt; Headings: 32-50 pt; Title: 70 pt; Color: Preferable. Tubular packing is recommended.

Participants can book their dinner (optional) at ₹ 4900* for Nov 6, 2023.

**Best Poster Award**

- First Prize: ₹ 25,000/-
- Second Prize: ₹ 15,000/-

**Venue**

College of Engineering (CEG)
Anna University
Chennai - 600025
Tamil Nadu

**Postgraduate Da?idline**

- 31.07.2023
- Acceptance Notification: 31.08.2023
- Registration for poster presentation event: 31.09.2023

**Our Proud Sponsors**

1. Dr. G. Kumareshan
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gkumaresan@annauniv.edu

2. Dr. S. Suresh
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ssuresh@nitt.edu

3. Help Desk
   1. S. Arun, 9486552952, arunvisivakumar0112@gmail.com
   2. B. Agiya Diraiya Raj, 9487091910, agiyaabraham@gmail.com

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