



Brunel
University
London

INTERNATIONAL VACUUM INSULATION SYMPOSIUM 2023

(CEG, Anna University, Chennai in association with Brunel University London)

6-7, November, 2023

CALL FOR POSTER PRESENTATION

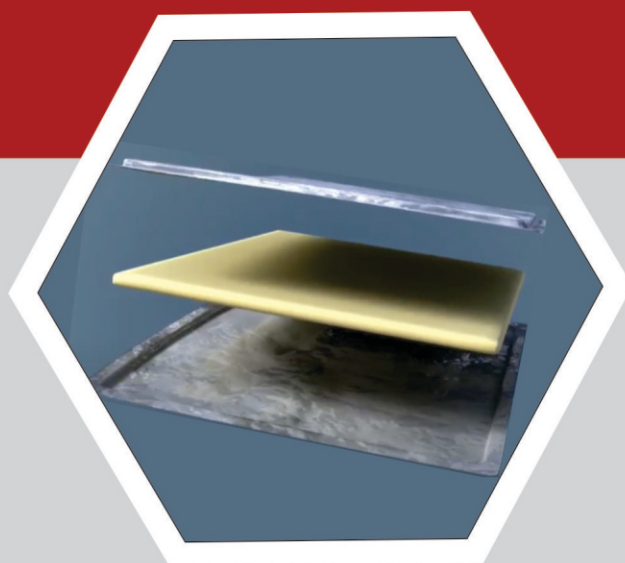


Vacuum Insulation Panels (VIPs), the most advanced form of thermal insulation, have been known to enable buildings, transport equipment, and cold chain systems to achieve unprecedented levels of reduction in energy demand. These have recently played a significant role in delivering COVID-19 vaccines around the world. The 16th edition of the International Vacuum Insulation Symposium (IVIS) 2023 offers an apt platform for global scientists, engineers, manufacturers, end-user, 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, ad/desorption)
- 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/-

First Prize
₹ 25,000/-

Second Prize
₹ 12,500/-

Best Poster Award

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.

VENUE

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

Poster Abstract Submission Deadline: 31.07.2023
Acceptance Notification: 31.08.2023
Registration for poster presentation event: 31.09.2023

Dr. G. Kumaresan
Chair - IVIS2023
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Dr. S. Suresh
Technical Chair - IVIS2023
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