Organizing Committee:

Dr. Som Shrestha Senior R&D Staff ORNL





Dr. Achutha Tamraparni Postdoctoral Associate ORNL

Dr. Anthony Aldykiewicz Building Science Manager Saint-Gobain





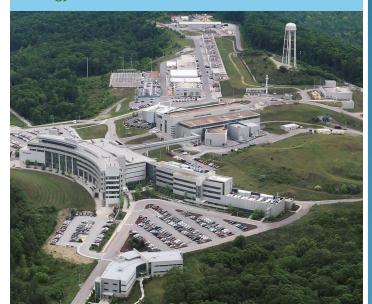
Mark Connell Owner & CEO Rincon Consulting, LLC

Mr. Andre Desjarlais Program Manager ORNL





A tour of Oak Ridge National Laboratory (ORNL) will be offered on September 12 for registered participants. ORNL is the U.S. Department of Energy's largest multi-program science and energy laboratory, leading worldclass research to address critical challenges in energy, materials, and national security. Located in Oak Ridge, Tennessee, ORNL hosts some of the world's most advanced scientific facilities—including powerful supercomputers, cutting-edge neutron sources, and unique materials research centers. With a mission to deliver transformative solutions and scientific breakthroughs, ORNL collaborates with researchers, industry, and government to accelerate innovation and shape a sustainable energy future.







17th International Vacuum Insulation Symposium

September 10-11, 2025

Host: Oak Ridge National Laboratory

Venue Crowne Plaza 401 W Summit Hill Dr SW Knoxville, TN 37902, USA

SPONSORS

Silver Sponsors



Bronze Sponsor





Keynote Speakers

Josh Pihl, Buildings and Transportation Science Division Director, ORNL





Sven Mumme, Technology Manager at the U.S. Department of Energy

John Peavey, Home Innovation Research Lab





Jungho Kim, Program Director, ARPA-E

Vladimir Pogač, President of the Vacuum Insulation Panel Association (VIPA)



The IVIS Lifetime Achievement Awards will be presented during the dinner on September 10.

Best Paper Awards and the announcement of the next IVIS location will take place during the closing session on September 11. See the agenda and participants list for more details.

SCIENTIFIC COMMITTEE

Mr. Andre Desjarlais, Oak Ridge National Laboratory, USA

Prof. Atsushi Iwamae, Kindai University, Japan

Dr. Bastian Büttner, ZAE Bayern, Germany **Prof. Dr. Bijan Adl-Zarrabi**, Chalmers University

Dr. Christoph Sprengard, FIW Munich, Germany

Dr. Esra Kucukpinar, Fraunhofer Institute for Process Engineering and Packaging, Germany

Prof. G. Kumaresan, Anna University, Chennai, India

Dr. Genevieve Foray, INSA-Lyon, France

of Technology, Sweden

Mr. Hans-Frieder Eberhardt, Morgan Advanced Materials – Thermal Ceramics Porextherm Dämmstoffe GmbH, Germany

Prof. Dr. Harjit Singh, Brunel University London, UK

Prof. Jun-Tae Kim, Kongju National University, Korea (South)

Dr. Karim Ghazi Wakili, *IABP. Institute for Applied Building Physics, Switzerland*

Dr. Mahmood Alam, University of Brighton, UK

Prof. Marco Perino, *Politecnico di Torino - DENERG, Italy*

Dr. Pär Johansson, Chalmers University of Technology, Sweden

Prof. Dr. Phalguni Mukhopadhyaya, *University of Victoria*, *Canada*

Prof. Dr. S. Suresh, National Institute of Technology Trichy, India

Dr. Samuel Brunner, EMPA, Switzerland

Dr. Shahab Resalati, Oxford Brookes University, UK

Dr. Som Shrestha, Oak Ridge National Laboratory, USA

Dr. Stefano Fantucci, Politecnico di Torino, Italy

Dr. Yoash Carmi, Avery Dennison, Israel

Prof. Dr. Zhaofeng Chen, Nanjing University of Aeronautics and Astronautics, China

Vacuum Insulation Panels (VIPs), the most advanced form of thermal insulation, enable buildings, transport systems, and cold chain infrastructure to achieve unprecedented reductions in thermal losses and energy demand.

Since its inception in 1998, the International Vacuum Insulation Symposium (IVIS) has been the premier global forum for the insulation community, particularly for those advancing high-performance vacuum-based thermal insulation technologies.

The 17th IVIS (2025) will feature presentations on the latest research, development, and deployment of VIPs and Vacuum Insulation Glazing (VIG). It offers a unique platform for scientists, engineers, manufacturers, end-users, social scientists, and policymakers to exchange ideas, explore opportunities, and address the challenges surrounding VIPs.

IVIS 2025 presentations will cover research areas such as:

Sessions 1-3: Core Materials and Their Properties.

Sessions 3,4: Performance Evaluation and Testing.

Session 5: Innovations in Vacuum Insulated Glazing.

Session 6: Monitoring and Predictive Techniques of VIPs and Innovations in Vacuum Insulated Glazing.

Session 7: Applications in Industry and Construction.

Session 8: Innovations and Advanced Designs.