SUMGLASS2025

A workshop on nuclear and industrial glasses for energy transition



September 15-19, 2025
Howard Johnson Pearl Plaza, Wuhan, China
https://sumglass2025.scimeeting.cn/

As the past three SUMGLASS meetings in France, Wuhan SUMGLASS 2025 aims to unite the research and industrial communities again within the theme of nuclear and industrial glasses for energy transition.

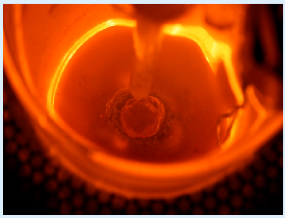
This workshop will provide participants an opportunity to exchange insights on the challenges and methodologies related to the vitrification of nuclear and hazardous wastes, as well as the production and properties of industrial glasses. Recent advancements in glass de-carbonization technologies and glass materials for energy transition will be also discussed to expand the role of the glass on the carbon neutrality.

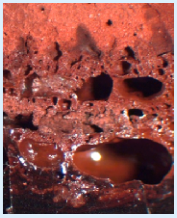
Esteemed international specialists are invited to deliver keynotes, while an abstract call is opened for both oral and poster presentations encompassing all topics addressed in the workshop.

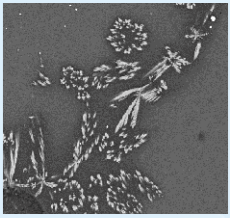
Organizers

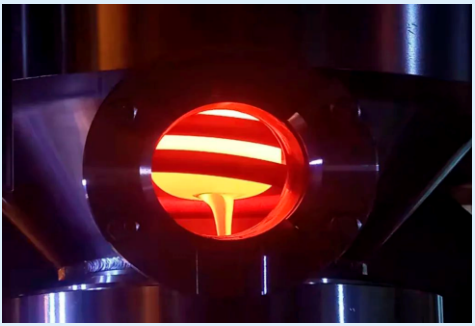
- **State Key Laboratory of Silicate Materials for Architectures (Wuhan University of Technology)**
- **Innovation Center for Nuclear Facilities Decommissioning and Radioactive Waste Management Technology**
- **Wuhan Bochuang Sida Culture Communication Co., Ltd.**

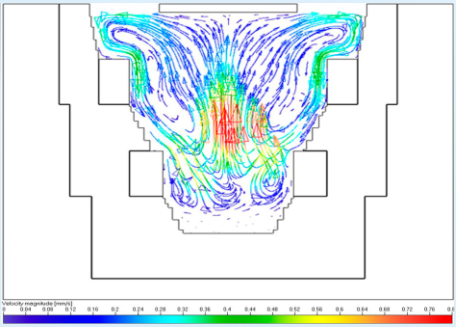














Topics

- Waste vitrification technologies
- Glass and glass-ceramic waste forms
- Simulation/modeling of glass/melt/melter
- Thermodynamic and chemical mechanisms of waste glass batches/refractory with melt
- Glass alteration
- Glass de-carbonization technologies
- Topics related with glasses for energies and environments

Organizing Committee

Kai Xu	Wuhan University of Technology, China
Qingbin Zhao	Innovation Center for Nuclear Facilities Decommissioning and Radioactive Waste Management Technology, China
Sophie Schuller	CEA, France
Ashutosh Goel	Rutgers University, US
John McCloy	Washington State University, US
Paul Bingham	Sheffield Hallam University, UK
Tetsuji Yano	Institute of Science Tokyo, Japan
Cheon-Woo Kim	Korea Hydro & Nuclear Power (KHNP), S. Korea
Richard Pokorny	University of Chemistry and Technology Prague, Czech Republic
Shengheng Tan	China Institute of Atomic Energy, China
Luiz Pereira	Ludwig Maximilians University (LMU) Munich, Germany

Contact Us

Dr. Lifeng Li lifeng.li@whut.edu.cn



