



17th

INTERNATIONAL SEMINAR ON FURNACE DESIGN OPERATION & PROCESS SIMULATION

Join us to explore and share the latest in decarbonization technologies for the glass industry.



June 18 - 19, 2025
Wellness Hotel Horal
Velke Karlovice
Czechia

SEMINAR TOPICS

- Furnace design, forehearth & regenerator simulation – application of modeling
- Use of models in furnace operation and related advanced model based predictive control
- Glass quality and yield improvement
- CO₂ reduction strategies – such as oxy-gas, hybrid electric, all electric and hydrogen
- Industry 4.0 & hot end – neural networks A.I. and NIR furnace imaging
- Waste heat recovery and increase of cullet recycling

LECTURES & POSTERS

Contributions will include invited lectures, regular lectures and posters.

Contributors are asked to submit an abstract (approximately 200 words):

- by **February 28, 2025**
- via email to seminar@gsl.cz

SPONSORSHIP

For sponsorship opportunities, please contact the organizers.

LANGUAGE

English will be the official language of the Seminar.

VENUE

The conference will be held in Velke Karlovice, Czech Republic in Wellness Hotel Horal.

The village of Velke Karlovice is located in the eastern part of the Czech Republic, near the border with Slovakia.

KEY DATES

Abstract submission deadline: **February 28, 2025**

Registration opens: **April 2025**

ORGANIZER

GLASS SERVICE, a.s. - Vsetín, Czech Republic

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DECARBONIZATION