



**ICTP
SAIFR**

International Centre
for Theoretical Physics
South American Institute
for Fundamental Research

WORKSHOP ON OPTIMIZATION OF GLASS PRODUCTION



April 24, 2026

at IFT-UNESP, São Paulo, Brazil

CONFIRMED SPEAKERS

Alexandre Martins Moreira (FIP-NFS@ITAL, Brasil)

Ana Candida Rodrigues (CeRTEV, Brazil)

Andrea de Camargo (BAM, Germany)

Andreas Diegeler (Fraunhofer ISC, Germany)

Anja Grecko Lorenz (DWIH, Brazil)

Katelyn Kirchner (Celsian, USA)

Lucas Pitaluga (SCHOTT Brazil)

Lucien Belmonte (Abividro)

Lucila Machado (Rep. of the State of Bavaria in Brazil)

Martin Kilo (Fraunhofer ISC, Germany)

Steve Whettingsteel (Krysteline, UK)

Thomas Gerdes (University of Bayreuth, Germany)

The Fraunhofer ISC in Germany (www.isc.fraunhofer.de), in collaboration with the CeRTEV team (www.certev.ufscar.br) and ICTP-SAIFR, is pleased to announce the First Workshop on Optimization of Glass Production, to be held at IFT-UNESP on April 24, 2026, with the aim to present and transfer knowledge of glass production and its optimization with a focus on energy consumption and sustainable production. Some sessions will be held online.

Workshop Topics: Automation and digitalization in the era of artificial intelligence, including AI-supported process control, digital twins and predictive maintenance in high-temperature environments; Sustainability in high-temperature processes, with emphasis on energy efficiency, electrification, alternative fuels, CO₂ reduction strategies and industrial decarbonization pathways; New methods for thermal process characterization, covering advanced measurement technologies, in-situ diagnostics, data-driven evaluation methods and process transparency.

The workshop will be held just before the Fourth São Carlos School on Glasses and Glass-Ceramics

Application deadline: April 17, 2026

**Online application and more information:
ictp-saifr.org/wogp2026**



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