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Nota di contenuto	68th Conference on Glass Problems; Contents; Foreword; Preface; Acknowledgments; Batch Plant Dust Collection-An Engineered Approach to Dust Reduction; Forehearth Coloring Advancements; Gob Temperature Control; Applications and Challenges for Infrared Temperature Measurement in Glass Manufacturing with an Emphasis on Tempering of Low-Emissivity Glass; Industrial Experiences with a New Surface Treatment Technology; What is the Ideal Glass Batch Depth of a Glass Furnace?; Effects of Surface Structure on Wetting of Patterned Superhydrophobic Surfaces; Critical Thinking Glass Melting at Corning's Research FacilitySmall Scale Melting

Platforms for Problem Solving; Solving Glass Problems; Numerical Simulation of the Submerged Combustion Melting Process; Operation of a Pilot-Scale Submerged Combustion Melter; Development of an Advanced Batch/Cullet Preheater for Oxy-Fuel Fired Glass Furnaces; Innovations in Container Glass Production in Central and Eastern Europe; Tin Bath Bottom Blocks-Challenges and New Solutions; Electric Forehearths for Borosilicate Glasses-A Recent View; Low NOx Combustion in Regenerative Glass Furnaces
Advanced Cleanfire® HRi™ Oxy-Fuel Boosting Application Lowers Emissions and Reduces Fuel Consumption
Oxygen Enrichment: Recognizing and Addressing the Hazards; Chromium VI: Concerns, Compliance and Controls; Examination of a Used Chrome-Alumina Monolithic Lining from an Insulation Fiberglass (C-Glass) Electric Melter; Structure, Microstructure and Refractory Performance; Author Index

Sommario/riassunto

This book is a state-of-the-art collection of recent papers on glass problems as presented at the 68th Conference on Glass Problems at The Ohio State University. Topics include manufacturing, glass melters, combustion, refractories, and new developments.
