Record Nr. UNINA9910840970703321 69th Conference on Glass Problems [[electronic resource]]: a collection **Titolo** of papers presented at the 69th Conference on Glass Problems, the Ohio State University, Columbus, Ohio, November 4-5, 2008 / / edited by Charles H. Drummond Pubbl/distr/stampa [Westerville, Ohio], : American Ceramic Society Hoboken, : John Wiley, c2009 **ISBN** 1-282-36925-3 9786612369254 0-470-52901-6 0-470-52900-8 Descrizione fisica 1 online resource (252 p.) Collana Ceramic engineering and science proceedings; ; v. 30, issue 1 DrummondCharles H (Charles Henry) Altri autori (Persone) Disciplina 620.144 Soggetti Glass Glass manufacture Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and author index. Nota di contenuto 69th Conference on Glass Problems; Contents; Foreword; Preface; Acknowledgments: MELTING AND MODELING: Experiences with an Oxygen-Fired Container Glass Furnace with Silica Crown-14 Years-a World Record?; Fining of Glass Melts: What We Know about Fining Processes Today: All-Electric Furnaces for High Quality Demands in a Wide Range of Glass Compositions; Laboratory Experiments and Mathematical Modeling Can Solve Furnace Operational Problems; Applications of Model Based Control in Float and Fiberglass; LCD Glass Manufacturing for a Global Industry; REFRACTORIES; Buying Refractories in China Refractories for a Global Glass MarketHistory of Hot Repairs-Past, Present and Future; Water-cooled Refractory Shapes for Harsh Forehearth Superstructure Applications; A New Silica Brick Without Lime Bonding; COMBUSTION AND ENERGY SAVINGS; An Improved Solution for Oxy-Fuel Fired Glass Melting Furnaces; Batch Preheating on Container Glass Furnaces; Energy Saving Options for Glass Furnaces

and Recovery of Heat from Their Flue Gases and Experiences with Batch and Cullet Pre-Heaters Applied in the Glass Industry; Industrial Results of ALGLASS FH Oxy Fuel Forehearth Burner Operation Float Fire Gas Fired System for Tin Float LinesEvaluation and Implementation of X-Ray Analysis of Raw Materials Using Borate Fusion Samples; Glass Surface Corrosion and Protective Interleaving Systems; ENVIRONMENTAL ISSUES AND NEW PRODUCTS; Megatrends in the Commercial Glazing Market-A Challenge for the Glass Industry; Looking Windward: Fiber Glass in the Energy Markets; Current Glass Furnace Air Emission Compliance Issues; Global Warming and Sustainability of the Glass Industry; Author Index

Sommario/riassunto

Stay up-to-date with this collection of papers presented at the 69th Conference on Glass Problems at The Ohio State University. Topics include melting and molding, refractories, and environmental issues and new products.