



Edgar Dutra Zanotto (EDZ) has been a professor of materials science and engineering at the Federal University of São Carlos (UFSCar) in Brazil for 38 years. Currently he is the director of the Center for Research, Technology and Education in Vitreous Materials (CeRTEV), and Editor of the Journal of Non-Crystalline Solids.

Zanotto's studies include fundamental research on the crystallization kinetics and properties of glasses and glass-ceramics. His research work encompasses rigorous tests, improvement or development of nucleation and growth models for glasses, the effects of liquid phase separation on crystallization, surface crystallization kinetics, overall crystallization, glass stability *versus* glass forming ability, correlations between molecular structure and nucleation mechanism, sintering with simultaneous crystallization, diffusion processes controlling crystallization, as well as mechanical, rheological and biochemical properties of glasses and glass-ceramics. The technological branch of Zanotto's team include projects about the development or improvement of glass-ceramics with improved or new functionalities.

Edgar Zanotto chaired 6 of the most important international glass congresses and delivered over 300 conference presentations, which include more than 110 invited talks. He has published more than 200 scientific articles, 20 book chapters and 2 books on glass science and technology. Zanotto has received 28 awards counting the Gottardi Prize by the ICG, the Zachariasen Award by the Journal Non-crystalline Solids, the Morey Award by the GOMD-ACerS, the Engineering Sciences Prize by The World Academy of Sciences, and the National Science Prize (the most important in Brazil). He is a member of five Science Academies.