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Nota di contenuto	Title Page; Foreword; Sponsors, Support & Partners; Contents; Keynote papers; Light in the Public Realm; Emotion; Fusing Design, Innovation and Light; Engineering Invention in Glass Architecture; Case Study 1 World Trade Center - Podium Wall Design Development; Projects & Case studies; The Glass Screens of the Japan Post Tower; The Glass Sphinx: A Massive Stacked Glass Sculpture; The Apple Glass Cube: Version 2.0; Future Application of Structural Use of Glass; A Laminated Glass Wall Will Protect Warnemunde From High Water; Lincoln Center Canopies - Performance in Glass Project for the Eiffel Tower: Constructive Geometry Challenges in the Design, Fabrication and Installation of Glass Structures Comprising of Super Jumbo Glass Sheets; Glass Walls Carrying the Roof and Withstanding the Wind Load on the Facade: Conservatory of the Museum in Dordrecht and Raaks Glass Cube in Haarlem; Inclined Glass Fins for the King Abdulaziz Center for World Culture; Design of Suspended Glass Ceiling Structure in High Sesimic Hazard Zones; Designing a Glass Pavillion to Protect an Ancient Greek Temple; A True

## All-Glass Staircase

Two Lines - Arup with David Chipperfield Architects Torre Iberdrola, Bilbao, Spain; Joints, Fixings & Adhesives; Experimental Investigation of Unconventional Canopy Prototypes, Suspended by Adhesive Bonds; Connecting Through Reinforcement - Experimental Analysis of a Glass Connection Using Perforated Steel Plates; Determination of Adhesives Properties for Non-linear Numerical Simulation of Structural Steel-Glass Connections; Shear Capacity in Adhesive Glass Joints; Experimental and Numerical Analysis of Edge Seal Spacers of Insulated Glass Units for Structural Sealant Glazing Applications

Tensile Loading of Silicone Point Supports - Revisited Investigation of Stress-Whitening in Transparent Structural Silicone Adhesive; Designing a Glass Bearing Connection with a Probability to EN1990 CC2; Influence of Various Factors on Mechanical Properties of Adhesive Joint in Glass Structures; Seismic Behaviour of Point Supported Glass Panels; The Mechanical Performance of Adhesives for a Steel-Glass Composite Facade System; Load Carrying Behaviour of Metal Inserts Embedded in Laminated Glass; Direct Glass Fabrication - New Applications of Glass with Additive Processes

Analytical Solutions for Detail Problems in Structural Glazing Glazing with Countersunk Point Fittings; Reduction of Edge Effect in Adhesive Joints of Glass Details; Strength, Stability & Safety; Improvement of Quality of Tempered Glass with Numerical Modeling; Analytical Approaches for Buckling Verification of In-plane Loaded Laminated Glass Columns and Panels; Contact Damage Near the Supporting Pillars in Vacuum Glazing Units; Towards a European Structural Glass Network: COST Action TU0905

How to Model Failure in Load-Bearing Glass Elements? A Discussion Based on Analytical, Numerical and Experimental Considerations

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