

Engineered
Transparency
Glass in
Architecture
and Structural
Engineering

September
26, 27 + 28
2007

Columbia
University

Engineered Transparency

Glass in Architecture and Structural Engineering

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After the last century's call to a radical new architecture and urban life, glass architecture is more ubiquitous today than ever. A deeply engineered product, glass has re-emerged in a new light as a seemingly more culturally accepted material in design and construction. Its current appearance, however, reveals a virtually new product replacing the glass used even twenty years ago. The innovations are observable and have direct use.

While offering new modes of visual pleasure and spatial experience to occupants—the new glass has also been the beneficiary of major advances in engineering that are decidedly less visible—advancements in the structural, optical, and thermal properties of glass, as well as limits in installation and fabrication, have quietly reconfigured the extent and reach of its application. We are so continually surrounded by such discretely functioning glass, that we don't even see it. This interdisciplinary conference aims to bring an ordinarily extraordinary material back before our eyes.

THE EXPANDING LIST OF PARTICIPATING ARCHITECTS AND ENGINEERS INCLUDES

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The Technische Universität Dresden
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Bernhard Weller, Director and
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THE CONFERENCE WILL BE ACCOMPANIED BY THE EXHIBITION: THROUGH GLASS

Curated by Rosana Rubio-Hernandez
On display in Avery Hall, 200 level
September 24 – October 12

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