



**Building Enclosure Council (BEC) New York Presents
"ENCLOSURES AND ENERGY: WHAT'S WORKING?"**

Thursday, 02/15/2007, 6:00-8:00pm

Building Enclosure Council New York inaugurates its first year with a kick-off lecture and annual meeting. The meeting and lecture is open to all at no cost.

The Building Enclosure Councils are a national joint venture between AIA, National Institute of Building Sciences, and SEAoNY. Councils have been formed in all of the major cities and we are getting New York's off the ground this year. The Councils are multi-disciplinary groups that share information and create an educational environment and professional information exchange to improve understanding of building enclosures.

This event will feature special guest speaker Dr. John Straube, author of Building Science for Building Enclosures, in a rare New York appearance! Dr Straube is a highly sought after speaker who lectures and teaches internationally about Building Science. BEC-NY welcomes him to the Center for Architecture!

This lecture is one of a four lectures BEC-NY will sponsor in 2007 that examine critical issues and trends in building enclosure design.

Dr. Straub will discuss the following:

- **Outline strategies for energy load reduction through material choices, building configuration, and enclosure design**
- **Describe the systems approach to buildings, balancing efficient planning and enclosures with mechanical systems and renewable energy sources of appropriate technology**
- **Investigate why double skin curtain walls and LEED have in the past conspired to produce polluting and expensive buildings**
- **Summarize some simple strategies and introduce reliable technologies for energy efficient, durable, and affordable buildings**

Dr. Straube has been deeply involved in the areas of building enclosure design, moisture physics, and whole building performance as a consultant, researcher, and educator. He is a faculty member in both the Department of Civil Engineering AND the School of Architecture at the University of Waterloo, where he teaches building science and structural engineering. His research has focused on moisture and building enclosures, specifically driving rain control, air barriers and vapor barriers. He has broad experience in the building industry, having been involved in the design, construction, repair and restoration of buildings in Canada, the United States, Europe, Asia, and the Caribbean. His building science expertise has been applied to moldy roofs, failed masonry, EIFS cladding, leaky cellars, historical retrofits, and litigation support for buildings as diverse as commercial office towers, manufactured housing, and sustainable strawbale homes. Dr Straube has consulted for many building product manufacturers, several government agencies (NRC/IRC, NRCan, CMHC, DOE, ORNL), and a range of consultants, Architects and building owners. His structural engineering experience spans a variety of materials such as wood, hot-rolled and cold-formed steel, concrete, masonry (brick, concrete, aerated autoclaved concrete, adobe, natural stone), aluminum, polymer concrete, carbon and glass FRP, fibre-reinforced concrete and structural plastics (PVC, nylon).

This event is free and not to be missed! Join BEC-NY after the lecture!

Location: Center for Architecture, 536 LaGuardia Place

CES LUS: 1.5, CES HSW: 1.5

Please RSVP at <http://aiany.org/calendar/rsvp.php?id=1003907>