



THURSDAY, APRIL 24, 2008

8:00 AM - 11:30 AM **Pre-Congress Workshop/Technical Seminars**
 10:30 AM - 12:00 PM **Diversity Workshop**
 12:00 PM - 2:00 PM **Opening Awards Luncheon, Plenary Session, and Business Meeting**

As of 10/11/07. Subject to change.

CONCURRENT TECHNICAL SESSIONS 2:15 PM - 3:45 PM

Bridge & Transportation Structures	Buildings I	Business and Professional Practice	Buildings II	International	Multi/Cross-Disciplinary	Non-Building and Special Structures	Buildings III	Buildings IV	18th A&C Specialty Conference
Fatigue Enhancement of Steel Structures	2006 SJI Standard Specification for the Design of Composite Steel Joists, Cj-Series – a New Specification and Catalog for the Design Professional	BIM Technology, Crossing Design & Construction Team Boundaries	High-Rise Buildings – Session 1	Canadian Society for Civil Engineering 1 (CSCE) <i>See page 13</i>	Introduction to the New ASCE Technical Council on Wind Engineering	Application of Finite Element Analysis for Design of Concrete Structures	What Makes a Wood Design a Good Design?	Prequalified Moment Connections for Seismic Design of Steel Structures	A&C Plenary Session: Distance Learning and Professional Education for Structural Engineers <i>See page 3</i>

3:45 to 4:00 PM Refreshment Break

CONCURRENT TECHNICAL SESSIONS 4:00 PM - 5:30 PM

In-Service Monitoring of Bridges and High-Mast Light Towers	Application of Finite Element Analysis for Seismic Design and Evaluation of Concrete Buildings	Structural Reliability in Design Practice	High-Rise Buildings – Session 2	Canadian Society for Civil Engineering 2 (CSCE) <i>See page 13</i>	Wind Engineering	Blast-Resistant Buildings in Petrochemical Facilities	Advances in Material Properties and Design	Seismic Design – Structural System	Computational Aspects in Distance Education
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6:00 PM to 7:30 PM Grand Opening Reception

7:30 PM to 10:00 PM CASE Spring Risk Management Convocation Dinner with War Stories *(Separately ticketed event)*





FRIDAY, APRIL 25, 2008

8:00 AM - 7:00 PM **Exhibit Hall and Poster Session Displays**

8:00 AM - 8:30 AM **Continental Breakfast**

CONCURRENT TECHNICAL SESSIONS 8:30 AM - 10:00 AM

Bridge & Transportation Structures I	Buildings I	Bridge & Transportation Structures II 18th A&C Specialty Conference II	Buildings II	International	Education Extreme Loads	Non-Building and Special Structures	Research Advances	Buildings III	18th A&C Specialty Conference I	CASE Spring Risk Management Convocation
Recent Advances in Shear Design for Reinforced Concrete	ATC-63 – Quantification of Building System Performance and Response Parameters	Seismic Design of Bridges	Pushing the Envelope in Material and Structural System Choice in High-Rise Buildings	Recent Developments in International Bridge and Structural Engineering 1 (IABSE) <i>See page 14</i>	Education of Structural Engineers – Session 1	Industrial Facilities – Silos Tanks & Dams	Collapse Simulation of Structural Systems Subjected to Seismic Excitation in Engineering Practice	Seismic Design of Reinforced Masonry (Shear Walls)	Advances in Software Development for Structural Engineering Applications	CASE Plenary Session I: Managing the Risks of Building Information Modeling (BIM) <i>See page 11</i>

10:00 AM to 10:30 AM **Refreshment Break**

CONCURRENT TECHNICAL SESSIONS 10:30 AM - 12:00 PM

Timber Bridge Design Issues	Connections and Detailing – Session 1	Wind on Bridges	Innovative Methods for Blast and Progressive Collapse Mitigation	Recent Developments in International Bridge and Structural Engineering 2 (IABSE) <i>See page 14</i>	Education of Structural Engineers – Session 2	Liquid-Containing Structures	Fire Behavior and Design of Steel and Composite Structures	Seismic Evaluation – Walls	The Use of Mathcad, Matlab, and Other Applications and Technology in Teaching Advanced Structural Analysis	CASE Breakout Sessions <i>See page 11</i>
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12:00 PM to 1:30 PM **Exhibit Hall Lunch**

CONCURRENT TECHNICAL SESSIONS 1:30 PM - 3:00 PM

Utilization of Non-Destructive Testing (NDT) Methods in Structural Health Monitoring (SHM)	Connections and Detailing – Session 2	Are We Teaching the Wrong Stuff?	Progressive Collapse	Recent Developments in International Bridge and Structural Engineering 3 (IABSE) <i>See page 16</i>	Extreme Loads	Network Infrastructure Performance for Extreme Winds	Lessons from Recent Windstorms	New MBMA/AISC Methods for Design of Metal Building Frames	Advances in Seismic Isolation Design Practice in the US and Japan	CASE Breakout Sessions <i>See page 11</i>
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3:00 PM to 3:30 PM **Refreshment Break**

CONCURRENT TECHNICAL SESSIONS 3:30 PM - 5:00 PM

Bridge Case Studies	Design for Structural Fire Safety	Contemporary Topics in Structural Engineering Practice and Education	Progressive Collapse Competition	International Structural Engineering 1 (IStructE) <i>See page 18</i>	Global Building System Behavior under Abnormal Loading Events	Risk, Reliability, and Safety in the Offshore Environment	NEES Projects	Innovative Structural Systems	Validation and Verification of Hybrid Simulation for Seismic Structural Response	CASE Plenary Session II: TBD <i>See page 11</i>
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5:30 PM to 7:00 PM • **Networking Reception** / 7:00 PM to 9:30 PM • **ASCE/SEI 2008 Structures Congress Banquet: "Honoring the Past, Planning for the Future"** (Separately ticketed event)



SATURDAY, APRIL 26, 2008

8:00 AM - 3:30 PM **Exhibit Hall and Poster Session Displays**
 8:00 AM - 8:30 AM **Continental Breakfast**

CONCURRENT TECHNICAL SESSIONS 8:30 AM - 10:00 AM

Bridge & Transportation Structures	Buildings I	18th A&C Specialty Conference II	Buildings II	International Existing Structures	Multi/Cross-Disciplinary	Forensic - Seismic - Large Structures	Research Advances	Buildings III	18th A&C Specialty Conference I
Bridge Design and Rehabilitation	Development of AISI Cold-Formed Steel Seismic Design Standards	Damping in Buildings: Measurements, Uncertainty, and Application	International Advances in Steel Plate Shear Walls 1: Research	International Structural Engineering 2 (IStructE) <i>See page 18</i>	Architecture in Structural Engineering	Forensic Structural Engineering	New Developments in Concentrically Braced Frames for Seismic Design	Structural Robustness and Redundancy	System Performance Optimization – Minimizing Annual Loss/ Life-Cycle Costs and Maximizing Performance Reliability

10:00 AM to 10:30 AM Refreshment Break

CONCURRENT TECHNICAL SESSIONS 10:30 AM - 12:00 PM

Cable-Stayed Bridge Design	Developments in Connection Design Specifications and Approaches	Impact Tests for Constitutive Models Analysis and Computation	International Advances in Steel Plate Shear Walls 2: Design Codes and Applications	Existing Buildings – Codes / Standards / Evaluation and Rehabilitation	Structural Elegance	General Seismic – Analysis	Remote Sensing for Condition Assessment and Damage Identification	Sustainability & Green Masonry Buildings	Advances in Structural Control
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12:00 PM to 1:30 PM Exhibit Hall Lunch

CONCURRENT TECHNICAL SESSIONS 1:30 PM - 3:00 PM

Concrete Bridges	Building Façade	Development and Validation of Advanced Modeling Methods for High-Rate Loadings	Steel Shear Wall Systems – Recent Experimental and Analytical Studies	Post-Earthquake Investigation of Wood Buildings	Sustainability for Structural Engineers: Material Industry Perspectives	Large Structures	Results of Recent E-Defense Tests on Full-Scale Steel Buildings	Tensioned Fabric Structures – Case Studies	Performance-Based Evaluation of Passive Control Systems
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3:00 PM to 3:30 PM Refreshment Break

CONCURRENT TECHNICAL SESSIONS 3:00 PM - 5:00 PM

Monitoring of Bridges	Glass Structures	Design of Structures for Wind Using Computational Methods	Practical Solutions for Stability and Bracing of Steel Frames	Structural Identification of Constructed Systems for Evaluation of Performance	Sustainability for Structural Engineers: Strategies, Paradigms, and Measurement	Wind or Water? (Separating Wind and Storm-Surge Damage in Hurricanes)	The Next Step for ASCE 16: Performance-Based Design of Wood Structures	Train-Induced Vibrations in Buildings for Air-Rights Developments	Performance-Based Evaluation of Semi-Active and Passive Control Systems
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