

NASCC THE STRUCTURES CONGRESS

THE STEEL CONFERENCE

SCHEDULE-AT-A-GLANCE

ORLANDO • FLORIDA MAY 12-15, 2010

Meetings rooms listed in the final program are subject to change. Please consult the event postings each day on-site at the Gaylord Palms Convention Center to confirm meeting rooms.

PM	Sessions	8:00-9:30	10:00-11:30	1:15-2:15	3:00-4:00	4:15-5:15
0.75	361	Weld Connection Design	Orlando 3-4			
0.75	362	Stability and Bracing Requirements for Beams (3.10-HW-000000-0000)	Orlando 1-2			
0.75	363	Performance-Based Plastic Design of Earthquake-Resistant Steel Structures (3.10-HW-000000-0000)	Sarasota 1-2-3			
0.5	364	Workshop on ASCE 24 Flood Resistant Design and Construction Standard	Sarasota 1-2-3			
0.5	365	Simplified Seismic Design Provisions of ASCE 7-10	Orlando 5-6			
0.5	367	Wind Loads of ASCE 7-10	Naples 1-2-3			
1.0	367	Wednesday Keynote	1:00 p.m. - 5:00 p.m. Orlando 01-0			
NA	E51	Educator Session: Sustainability in your Steel Design Class/Architecture & Construction Management Curriculum	Tampa 1-2-3			
NA	A1	Student Session: Conference Overview and Careers in the Structural Steel Industry		Tampa 1-2-3		
1.0	S1	Steel & Wood: A Dynamic and Sustainable Duo?	Sun D			
1.5	A2	Force Limitations in Tall Buildings: Art or Science?		Sun D		
1.0	D6	Bridge 101 for the Detailer	Sun 1-2			
1.0	D2	Contact Language and Clauses - Confidently Handling Negotiations	Sun 1-2			
1.0	D8	Detailer Roundtable	Sun B			
1.0	E1	The Puzzle of Steel Procurement Solved	Orlando 1-2			
1.0	E2	122 Design Ideas in 90 Minutes	Orlando A &			
1.0	E3	What's on the Horizon for ASCE Standards in 2010	Orlando 1-2			
1.5	E8	HSS: Applications, Use, and Limitations of Chapter K of ASCE 360-05	Orlando 3-4			
1.0	E10	Design, Detailing, and Installation of Metal Roof Deck Diaphragms	Orlando 5-6			
1.0	E11	Corroding and Debunking Marketplace Myths... and the Realities We Need to Know!	Orlando A &			
1.5	E13	Welding Heavy Structural Steel... Successfully!	Naples 1-2-3			
1.0	E14	Connection Design - Limit States (Part I)	Orlando 5-6			
1.0	E20	Designing Health Care Facilities	Orlando B			
1.0	E21	Behavior and Design of Composite Column Systems: Recent Research and New Provisions	Sarasota 1-2-3			
1.0	F2	Practical Energy Management for Your Shop	Miami 1-2-3			
1.5	F6	Making Sure You Get Paid	Miami 1-2-3			
1.5	F12	Preventative Maintenance	Sarasota 1-2-3			
1.5	F1	Seismic Design of Concentrically Braced Steel Frames	Sun A			
1.0	R1	New OSHA Crane Standards	Sun 3-4			
1.5	R2	Rentals	Sun 3-4			
1.0	R11	Exciting Amusement Park Rides	Naples 1-2-3			
1.0	S1	Topics in Structural Stability	Orange Blossom			
1.0	S2	Stability Under Dynamic (Earthquake) Loads	Orange Blossom			
1.5	U1	Constructability: A Primer	Sarasota 1-2-3			
0.5	W1	Welcome Reception (in Exhibit Hall)	6:00 p.m. - 8:00 p.m.			

WEDNESDAY MAY 12

EXHIBIT HALL HOURS

WEDNESDAY MAY 12 3:00 p.m.-8:00 p.m.
THURSDAY MAY 13 7:30 a.m.-5:30 p.m.
FRIDAY MAY 14 9:00 a.m.-2:00 p.m.

PM	Sessions	8:00-9:30	10:00-11:30	1:15-2:15	3:00-4:00	4:15-5:15
1.5	A3	Developing Yourself as a Leader	Sun D			
1.5	A4	Technical Security Problems and Solutions	Sun D			
1.0	A5	The Last Art of Communication	Sun D			
1.0	A6	The Way Most Erect and the Way Business: Preventing the Construction of Your Services	Sun D			
1.0	B8	Innovative Bridge Design	Daytona 1-2			
1.0	B9	Movable Bridges	Daytona 1-2			
1.0	B10	Segmented Bridge Design & Failures	Daytona 1-2			
1.0	B88	New Perspectives on Timber Bridges	Daytona 1-2			
1.0	B89	Bridge Analysis	Daytona 1-2			
1.0	B810	Bridge Strengthening	Daytona 1-2			
1.0	C3	State-of-the-Art Research in Structural Control	Daytona 1-2			
1.0	C8	State-of-the-Art and Future Challenges in Structural Optimization - Part I	Daytona 1-2			
1.0	C10	State-of-the-Art and Future Challenges in Structural Optimization - Part II	Daytona 1-2			
1.5	D3	Detailing Issues Part I: Screaming Design and Detailing in the Traditional Work Process	Daytona 1-2			
1.5	D4	Detailing Issues Part II: New Market and Increased Profitability Opportunities from Working Outside	Daytona 1-2			
1.0	D5	Connection Design: The Good, the Bad, and the Ugly	Sun 1-2			
1.0	D6	Industrial Detailing 101	Sun 1-2			
1.0	D7	Commercial Detailing 101	Sun 1-2			
1.0	D11	Survival of the Fittest	Sun 3-4			
1.0	D13	Modeling for Management	Sun 3-4			
1.0	D14	Engineer vs. Detailer: Where Do You Draw the Line?	Sarasota 1-2-3			
1.0	E1	The Puzzle of Steel Procurement Solved	Orlando 1-2			
1.5	E2	122 Design Ideas in 90 Minutes	Orlando 1-2			
1.5	E3	What's on the Horizon for ASCE Standards in 2010	Orlando B			
1.5	E4	Lessons Learned in Structural Steel: Implementing a "Software Error Reduction Plan"	Orlando 1-2			
1.5	E8	HSS: Applications, Use, and Limitations of Chapter K of ASCE 360-05	Orlando 3-4			
1.5	E7	An Engineer's Guide to the New 2010 Joint Specification	Orlando 3-4			
1.0	E8	ASCE 2010 Specification Appendix A - Part I: Structural Design for Fire Conditions	Orlando A &			
1.0	E9	ASCE 2010 Specification Appendix A - Part B: Structural Design for Fire Conditions: An Introduction to Earthquake Engineering and Seismic Codes (Part I: Ductility)	Orlando A &			
1.0	E10A	An Introduction to Earthquake Engineering and Seismic Codes (Part I: Ductility)	Orlando 5-6			
1.0	E10B	An Introduction to Earthquake Engineering and Seismic Codes (Part II: Provisions and Design Examples)	Orlando 5-6			
1.0	E11	Design, Detailing, and Installation of Metal Roof Deck Diaphragms	Orlando 3-4			
1.0	E12	Corroding and Debunking Marketplace Myths... and the Realities We Need to Know!	Orlando 5-6			
1.5	E13	Welding Heavy Structural Steel... Successfully!	Orlando A &			
1.5	E14	Code Complexity	Orlando 5-6			
1.5	E15	Installation, Inspection, and Behavior of High-Strength Bolts	Orlando A			
1.5	E16B	Connection Design - Limit States (Part B)	Orlando 5-6			
1.5	E17	Introduction to Seismic Design	Orlando A &			
1.5	E19	Implementing BIM in Your Structural Engineering Firm	Naples 1-2-3			
1.0	E20	Designing Health Care Facilities	Sarasota 1-2-3			
1.0	E21	Behavior and Design of Composite Column Systems: Recent Research and New Provisions	Orlando 1-2			
1.0	E22	Design of Unloading Hold and Crane Beams/Sliders	Orlando B			
1.0	E23	Contract Documents: A Key to Economic Design	Sarasota 1-2-3			
1.5	E24	Pitche Kucha Goes Steel	Sarasota 1-2-3			
1.0	E25	Ethics: Where Does Your Responsibility End?	Sarasota 1-2-3			

THURSDAY MAY 13

PM	Sessions	8:00-9:30	10:00-11:30	1:15-2:15	3:00-4:00	4:15-5:15
1.5	F1	Fabricator Roundtable	Sun B	Miami 1-2-3		
1.0	F3	Corrosion Protection in Exposed Environments	Sarasota 1-2-3			
1.0	F4	The Hole Story	Sun B		Miami 1-2-3	
1.0	F5	Reading the Tea Leaves			Orlando 1-2	
1.5	F7	Rustic Welding in the Fab Shop				Miami 1-2-3
1.5	F16	Competing in the One-Story Marketplace	Sarasota 1-2-3			
1.5	F13	ASCE Certification: The Importance and the Process	Sun B			
1.0	F7	Workshop on Direct Strength Method Design of Cold-Formed Steel Members		Gainesville 2		
1.0	G8	Evaluating Existing Wood Structures		Gainesville 2		
1.0	G9	Light Bracing of Steel Frames Using Hybrid Masonry		Gainesville 2		
1.0	H6	New Provisions for Composite Construction in the 2010 ASCE Seismic Provisions	Sun C			
1.0	H9	Transforming Seismic Design in Low to Moderate Seismic Regions I	Sun 3-4			
1.0	H10	Structures and Energy-Efficient Building Envelopes	Sun 3-4			
1.0	L5	Design and Analysis Issues for Structural Response to Fire		Naples 1-2-3		
1.0	L6	Research on Learning and Education Reform Session I		Naples 1-2-3		
1.0	L7	Research on Learning and Education Reform Session II		Naples 1-2-3		
1.0	M7	Assessment, Repair and Rehabilitation of Concrete Structures	Sun 5-6			
1.0	M9	Design and Behavior of Prestressed Concrete Subjected to Blast and Impact Loading	Sun 5-6			
1.0	M9	Recent Developments in Seismic Performance of Concrete Columns	Sun 5-6			
1.0	M8	Structural Glass in Architecture	Tampa 1-2-3			
1.0	M9	Glass & ETFE Elements - Innovative Transparency	Tampa 1-2-3			
1.0	N10	Fish in the Sun - Spa and Entertainment Projects in Florida	Tampa 1-2-3			
1.0	P2	Characterization and Mitigation of Residual Welding Stress	Sun A			
1.0	P3	Simplified Finite Element Method for Predicting Low-Frequency Floor Vibration Due to Walking	Sun A			
1.0	O8	Trial Design	Captiva 1-2			
1.0	O9	Integrated Steel Design and Delivery - Challenges, Pitfalls, and Opportunities	Captiva 1-2			
1.0	O10	Global Claims	Captiva 1-2			
1.5	R3	Making Magic in Orlando: The Amway Arena	St. George #108			
1.5	R4	The Nuts and Bolts of Structural Connections	St. George #108			
1.0	R5	Practical Horizontal Life Line Systems	St. George #108			
1.5	R7	Sequencing	Miami 1-2-3			
1.5	R12	Protecting Your Assets	Sun 5-6			
1.5	R13	Worksite Theft	Miami 1-2-3			
1.5	R14	Innovative Bridge Erection	Orange Blossom			
1.5	S3	Thin-Walled Steel Behavior and Design	Orange Blossom			
1.5	S4	Thin-Walled Steel Analysis and Design	Orange Blossom			
1.0	S5	Stability of Bridges During Erection	Orange Blossom			
1.0	S6	Stability and Design of Plate Girders	Orange Blossom			
1.0	S7	Behavior and Design of Stability Bracing	Orange Blossom			
1.0	T8	Developing Innovative Solutions for Design of Precast/Prestressed Concrete Structures	St. George #108			
1.0	T9	Corrosion in Buildings	St. George #108			
1.0	T10	Optimizing Tall Building Design Using Wind Load Reduction Strategies	St. George #108			
1.5	U1	Constructability: A Primer	Tallahassee 1-2-3			
1.5	U2	Constructability for Designers	Tallahassee 1-2-3			
1.0	U3	Constructability for Fabricators	Tallahassee 1-2-3			
1.0	U4	Constructability for Erectors	Tallahassee 1-2-3			
1.5	X2	Braced Frame Connection Design	Naples 1-2-3			
1.5	X3	Fatigue Design: Past, Present and Future	Sun A			
1.5	X4	A Candid Conversation About the Business Realities of BIM and IPD	Sun A			

FRIDAY MAY 14

PM	Sessions	8:00-9:30	10:00-11:30	1:15-2:15	3:00-4:00	4:15-5:15
1.0	CA1	ASCE Breakfast: Changes to ASCE Code of Standard Practice - What I.E.E. Need to Know (Structural event)	6:45 a.m. - 8:00 a.m. Orlando C			
1.0	CA2	ASCE Breakfast: Changes to ASCE Code of Standard Practice - What I.E.E. Need to Know (Structural event)	10:00 a.m. - noon, Orlando A &			
1.5	A7	Quality Control and Assurance in ASCE 360-10: An eye Ready for Change?			Daytona 1-2	
1.5	B1	Highway Bridge Codes and Standards			Daytona 1-2	
1.5	B2	Seismic Bridge Design and Analysis			Daytona 1-2	
1.5	B3	Bridge Design			Daytona 1-2	
1.5	B81	Distortion Induced Fatigue in Steel Bridges			Daytona 1-2	
1.5	B82	Design of Steel Orthotropic Bridge Decks			Daytona 1-2	
1.5	B83	Highway Bridge Structure Health Monitoring			Daytona 1-2	
1.5	C1	Advanced Structural Analysis Methodologies			Gainesville 1	
1.5	C2	Key Findings From the Structural Control Benchmark Problems			Gainesville 1	
1.5	C3	Emerging Trends in Structural Engineering Education and Practice			Gainesville 1	
1.5	CA2	A Day in the Life of a Project Manager			Sun C	
1.5	CA3	Managing Expectations and Risk During the Steel Detailing Process			Sun C	
1.5	CA4	Steel Design Day & Dinner - A Construction Friendly Perspective	Sun C		Sun C	
1.5	D9	Technical Security Problems and Solutions	Sun 1-2			
1.5	D18	Topics on Connection Design	Sun 1-2			
1.5	E4	Lessons Learned in Structural Steel: Implementing a "Software Error Reduction Plan"	Orlando 1-2			
1.5	E7	An Engineer's Guide to the New 2010 Joint Specification	Orlando 3-4			
1.5	E14	Code Complexity	Orlando B			
1.5	E15	Installation, Inspection, and Behavior of High-Strength Bolts	Orlando B			
1.5	E17	Introduction to Seismic Design	Orlando 3-4			
1.5	E18	Stability Issues and Computer Modeling	Orlando 3-4			
1.5	E19	Implementing BIM in Your Structural Engineering Firm	Miami 1-2-3			
1.5	E23	Contract Documents: A Key to Economic Design	Orlando 5-6			
1.5	E24	Pitche Kucha Goes Steel	Orlando A &			
1.5	F1	Fabricator Roundtable	Sun B			
1.5	F8	Connection Design Scope and Shared Structural BIM Models: Now What?	Orlando 1-2			
1.5	F9	It's Not Just About Drawing Presentation Anymore	Miami 1-2-3			
1.5	F11	LEED, Follow, or Get Out of the Way? How the Sustainable Building Movement is Changing the Way We Do Business	Orlando 3-4			
1.5	F14	Value-added Internal Auditing	Orlando 5-6			
1.5	G1	Wind Effects on Low-Rise Buildings	Orlando A &			
1.5	G2	Floor Vibration Serviceability	Orlando 1-2			
1.5	G3	Structural Integrity	Tallahassee 1-2-3			
1.5	H1	Seismic Design: Damage Control	Sarasota 1-2-3			
1.5	H2	Seismic Design: Dampers and Base Isolation	Sarasota 1-2-3			
1.5	H3	Seismic Design: Efficient Retrofit	Sarasota 1-2-3			
1.5	M1	Design Analysis and Testing of Blast Resistant Curtain Walls - Non-Structural	Sun 5-6			
1.5	M2	Design Analysis and Field Testing of Blast Resistant Curtain Walls	Sun 5-6			
1.5	M3	Curtain Wall and Blast Code Design	Sun 5-6			
1.5	N1	Design & Analysis of Large Non-Building Structures	Gainesville 2			
1.5	N2	Seismic Performance of Suspended Ceilings: Code Requirements, Field Surveys, and Experimentation	Gainesville 2			

