

Tenth Americas Conference on Wind Engineering Overall Schedule of Events and Sessions

Tuesday May 31

	Track 1	Track 2	Track 3	Track 4	Technical Tours
7:30-5:00	Registration				
8:15-10:15		ASCE 7 Wind Loads I - Background and Basics Ted Stathopoulos	Retrofit Techniques for Wind Mitigation of Existing Homes T. Eric Stafford		
10:15-10:30	Break				Manufacturing of Hurricane Resistant Glass Dependable Glass Works, Inc Covington, Louisiana Transportation and lunch provided
10:30-12:30		ASCE 7 Wind Loads I - Background and Basics continued	Guide to Wind Tunnel Testing for Practicing Engineers and Architects Leighton Cochran		
12:30-1:30	Lunch on your own				
1:30-3:30	Bridge Aerodynamics and Vibration Mitigation Steve Cai	ASCE 7 Wind Loads II - Provisions T. Eric Stafford	Achieving Good High-Wind Performing Roof Systems-- It can be done. Tom Smith		
3:30-3:45	Break				
3:45-5:45	Wind Tunnel Test Techniques for Low-rise Structures and Large Roofs John Holmes	ASCE 7 Wind Loads II - Provisions continued	Achieving Good High-Wind Performing Roof Systems-- It can be done. cont'd		LSU Wind Tunnel Laboratory and Louisiana House demonstration home for hurricane, wind, and flood resistant construction
6:00-8:30	Reception and Cash Bar, Bienville Room				

Note - shaded entries denote short courses with additional fees required. See registration information

Wednesday June 1

	Track 1	Track 2	Track 3	Track 4	Technical Tours
7:30-5:00	Registration				
8:00-8:55	IAWE Regional Assembly Ahsan Kareem	The 2004 Hurricane Test: An Assessment of Building Code Performance Richard Dixon	Wind and Hurricane Provisions of the International Building Code T. Eric Stafford		
9:00-9:55	AAWE General Membership Meeting	Enhancing Extreme Wind Resistance Envelope Design by Utilizing Product Approvals Jimmy Buckner, P.E.			
10:00-10:55	AAWE Board Meeting	Wind Resistant Wood Frame Construction Randy Shackelford		Dynamic Response of Structures to Wind Ahsan Kareem	LSU Wind Tunnel Laboratory and Louisiana House demonstration home for hurricane, wind, and flood resistant construction
11:00-11:55					
12:00-1:00	Lunch on your own				
1:00-1:20	OPENING PLENARY SESSION Welcome Opening Remarks - Conference Chairman, Marc Levitan				
1:20-2:15	STATE-OF-THE ART SESSION ON HURRICANE WINDS, LOSSES, AND MITIGATION Uncertainty in Hurricane Wind Speeds - Dr. Mark Powell, NOAA Hurricane Research Division Hurricane Loss Estimation Modeling - Dr. Larry Twisdale, Applied Research Associates				
2:15-3:10	Break				
3:10-3:30	Reducing Damage and Losses in Hurricanes: The Need for Barbarians and Bureaucrats - Dr. Timothy Reinhold, Institute for Business and Home Safety				
3:30-4:25	Break				
4:25-4:45	Break				
4:45-6:15	WIND I 2004 Hurricane Winds	DAMAGE I 2004 Hurricane Damage	LOW RISE BUILDINGS I	Professional Track The ICC/NSSA Storm Shelter Standard: Ultimate Wind?	Wave Lab Tour Shaketable - Mounted Wave Tank with Applications to Liquid Dampers
6:30-8:30	Reception and Cash Bar, Atrium Lounge				

Note - shaded entries denote short courses with additional fees required. See registration information

Thursday June 2

	Track 1	Track 2	Track 3	Professional Track	Technical Tours
7:30-5:00	Registration				
8:00-8:15 8:15-9:10 9:10-9:15	PLENARY SESSION - INTERNATIONAL WIND ENGINEERING Introduction, and International Perspectives on Wind Engineering - Dr. Ahsan Kareem Aerodynamic Studies for the Brazilian Wind Code - Prof. Joaquim Blessmann Conference Announcements				
9:20-10:25	WIND II Extratropical Winds	WIND ENERGY	BLUFF BODY AERODYNAMICS Cylinders	Professional Track Hurricanes of 2004 Damage Report I: Charley	
10:25-10:45	Break				
10:45-12:15	WIND III Wind Climate	ANALYSIS TOOLS I Proper Orthogonal Decomposition	NON-BUILDING STRUCTURES I Open Structures, Walls,	Professional Track Hurricanes of 2004 Damage Report II: Ivan	
12:15-1:30	Lunch in Atrium				
1:30-2:00	POSTER SESSION I			Professional Track	
2:00-3:45	WIND IV Tropical Winds	ANALYSIS TOOLS II Computer-Aided Wind Engineering	NON-BUILDING STRUCTURES II Loads and Wind-Induced	Building a Safer Louisiana: What Should be the Blueprint? Panel	
3:45-4:15	Break				
4:15-6:00	WIND V Engineering Wind Parameters	DAMAGE II Hurricane Damage Investigations and Techniques	ENVIRONMENTAL WIND ENGINEERING	Professional Track Input by Wind Engineering Community to Planning Process For the National Windstorm Impact Reduction Program	LSU Wind Tunnel Laboratory and Louisiana House <small>demonstration home for hurricane, wind, and flood resistant construction</small>
6:30-7:30	Cash Bar in Atrium Lounge				
7:30-9:30	Conference Banquet AAWE Awards Speaker - Dr. Kam-biu Liu "Hunting Prehistoric Hurricanes"				

Friday June 3

	Track 1	Track 2	Track 3	Professional Track
7:30-4:30	Registration			
8:00-8:15 8:15-9:10 9:10-9:15	PLENARY SESSION - COMMERCIAL WIND ENGINEERING Introduction and Australian Perspectives on Wind Engineering - John Holmes State-of-the-Art Review of Commercial Wind Engineering - Dr. Leighton Cochran Conference Announcements			
9:15-10:25	STORM SHELTERS	WINDBORNE DEBRIS I	BRIDGE AERODYNAMICS I	PROFESSIONAL I Wind Analysis & Design Tools
10:25-10:45	Break			
10:45-12:15	WIND VI Models and Simulations	WINDBORNE DEBRIS II	BRIDGE AERODYNAMICS II	The Wind Provisions of ASCE7 - From 2002 to 2010 Jim Rossberg
12:15-1:30	Lunch in Atrium			
1:30-2:00	POSTER SESSION II			BEYOND ASCE 7
2:00-3:45	WIND VII	STRUCTURAL RELIABILITY, DAMAGE MODELS, & MEASUREMENTS	BRIDGE AERODYNAMICS III	What to do When Your Building or Structure is Not Covered by ASCE 7 John Holmes
3:45-4:15	Break			
4:15-6:00	RISK ANALYSIS I Vulnerability, Impacts, and Mitigation	TALL BUILDINGS I Serviceability, Motion, and Comfort	BRIDGE AERODYNAMICS IV	PROFESSIONAL II Hurricane Losses, Mitigation, and Shelters
6:25	Bus Departs from Sheraton for dinner			
7:00-11:30	Swamp Tour/Cajun Dinner at Alligator Bayou			

Saturday June 4

	Track 1	Track 2	Track 3
8:30-10:30	Registration		
8:30-10:00	RISK ANALYSIS II Storm and Windfield Models	TALL BUILDINGS II Dynamic Response and Interference	LOW-RISE BUILDINGS II Full-Scale Testing
10:00-10:20	Break		
10:20-12:05	RISK ANALYSIS III Hurricane Loss Models	TALL BUILDINGS III	LOW-RISE BUILDINGS III Wind Pressures
12:05	Conference Adjourns		
1:00	Depart for Optional Post-Conference Social Event in New Orleans		