

**Technical Conference on the
Federal Building and Fire Safety Investigation of the World Trade Center Disaster**
National Institute of Standards and Technology (Building 101, Green Auditorium)
Gaithersburg, Maryland, USA, September 13-15, 2005

AGENDA

Tuesday, September 13

- 12:30 pm *Welcome* -- Hratch Semerjian, NIST Deputy Director
- 12:40 *Overview of the WTC Investigation: Findings and Recommendations* --
Shyam Sunder, Lead Technical Investigator, and William Grosshandler,
Associate Lead Technical Investigator
- 2:40 **Session I.** Jason Averill and James Lawson, session co-chairs
Occupant Egress -- Jason Averill, NIST; Dennis Mileti, University of Colorado;
and Johanna Zmud, NuStats
Emergency Response -- James Lawson, NIST
- 5:15 - 6:30 *Comments on occupant egress and emergency response*
- Jake Pauls, Consulting Services in Building Use and Safety
 - Kevin Doherty, Toronto Firefighter
 - Roberto Catalan, inventor of the AESOP
 - Jonathan Shimshoni, CEO of Escape Rescue Systems
 - Rita Fahy, NFPA

Wednesday, September 14

- 8:30-10:00 am **Session II.** Frank Gayle, session chair
Mechanical and Metallurgical Analysis -- Frank Gayle, NIST; Bill Luecke,
NIST; and Tim Foecke, NIST
- 10:00-12:30 **Session III.** Fahim Sadek, chair
Baseline Structural Performance and Aircraft Impact Damage Analysis -- Fahim
Sadek, NIST; Steve Kirkpatrick, ARA; Kathy Butler, NIST
- 12:30 *Lunch*, NIST cafeteria
- 1:30-4:00 **Session IV.** William Pitts, session chair
Reconstruction of the Thermal Environment-- William Pitts, NIST; Kevin
McGrattan, NIST; Kuldeep Prasad, NIST; and Anthony Hamins, NIST
- 4:00-5:30 **Session V.** William Grosshandler, session chair
Analysis of Active Fire Protection Systems -- Mark Hopkins, HAI; Robert
Keough, RJA; and Michael Ferreira, HAI
- 5:30-6:30 *Comments on topics of the day*
- Richard Schulte, Schulte & Associates
 - Bill Allen, Innovation Director, Leigh's Paints
 - John P. Couch, Kori Technology Group

Thursday, September 15

- 8:30-11:00 am **Session VI.** John Gross and Therese McAllister, session co-chairs
Structural Fire Response and Collapse Analysis -- John Gross, NIST; Therese Mcallister, NIST; Nicholas Carino, NIST (ret.); M. Zarghamee, SGH; Joseph Treadway, UL
- 11:00-12:30 *Comments on structural fire response and collapse analysis*
- Stephen Szoke, Portland Cement Association
 - Barbara Lane, Arup Fire
 - Michael Faber, ETH
 - T.D. Lin, National Cheng Kung University
 - Roger Plank, University of Sheffield
- 12:30 *Lunch*, NIST cafeteria
- 1:30-3:00 **Session VII.** Richard Bukowski and H.S. Lew, session co-chairs
Building & Fire Codes and Practices -- Nicholas Carino, NIST (ret.); and Richard Bukowski, NIST
- 3:00-4:30 *Comments on building and fire codes and practices*
- Stephen Szoke, Portland Cement Association
 - Robert Polk, National Assoc. of State Fire Marshals
 - Dave Johnston, Director of Codes and Standards, BOMA International
 - Mark K. Dinneen, VP of Congressional Relations, International Code Council
 - Milosh Puchovsky, NFPA
- 4:30 *Next Steps* -- Shyam Sunder, NIST
- 5:00 *Adjourn*