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

9/2/05
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*