

AGENDA Rev.1

WHIP Mid-Annual Meeting (in-person)

November 9 – 10, 2022

Texas Tech University

November 9 (Wednesday)

6:30-9:00 pm Networking Dinner at McKenzie-Merket Center, 2521- 17th Street, Lubbock
Cell Phone for Mehta 806-787-2729

November 10 (Thursday) Texas Tech Innovation Hub, 3911- 4th Street, Lubbock

7:30-8:00 am Continental breakfast in room 105; Meetings in rooms 103-104

8:00-8:15 am Introduction and Preamble (Kishor Mehta)

8:15-8:30 am State of WHIP Center (Mehta)

8:30-9:00 am Comments related to transition in to Phase II (Dr. Crystal Leach, NSF Program Director)

9:00-9:25 am Elawady/Pinelli (FIU/FIT) *Empirical vulnerability model to assess impact of windborne tree debris on lowrise construction*; Mentors: Eric Haefli, Tanya Brown-G, Daniel Diaz, Tim Johnson

9:25-9:50 am Smith (TTU) *Prediction of wind and surge damage to buildings by hurricane*; Mentors: Eric Haefli, Tim Doggett, Karthik Ramanathan, Tim Johnson, Erica Sherman, Marc Levitan

9:50-10:00 am Break

10:00-10:25 am Kachouie/Pinelli (FIT) *Integration of field damage, hazard, and exposure data for potential use in risk models*; Mentors: Karthik Ramanathan, Eric Haefli, Tim Johnson

10:25-10:55 am Tim Doggett (IAB Chair) *What Current and Future Research would Help Our Business*

10:55-11:20am Zuo (TTU) *Development of Fragility Curves for Tornadoic Loading on Low-Rise Buildings*; Mentors: Tim Johnson, Marc Levitan, Tim Doggett

11:20-11:35am Zisis/ Lee (FIU) *Wind-induced loads on irregular shaped buildings*; Mentors: Eric Haefli, Karthik Ramanathan, Marc Levitan

11:35-12:35 pm Lunch in Room 105

12:35-12:55 pm Erica Sherman (IAB Chair-elect) *Wind Tunnel Testing of Edge Metal; Industry Perspective*

12:55-1:20 pm Chowdhury/Zisis /Elawady (FIU) *Wind effects on ballasted rooftop photovoltaic systems*; Mentors: Erica Sherman, Marc Levitan

1:20-2:00 pm Comments by guests and IAB on research for Year 5

2:00-2:05 pm Break

2:05-2:15 pm Schedule for Year 5 (Mehta)

2:15-3:00 pm Executive Session for IAB and Site Directors

- Discussion of potential research needs (Doggett and IAB Members)
- Discussion of Full and Associate Membership (Mehta)

3:00 pm Adjourn and Tour of NWI facilities at Reese Technology Center (Zuo)