

AGENDA

WHIP Center Mid-Annual Meeting

Thursday, October 28, 2021

(All times are Chicago/Central times)

- 8:00 am Zoom call opens; informal greetings
- 8:10 – 8:30 Preamble, Self-introduction of IAB members, guests, faculty, and students
- 8:30 – 8:45 State of the WHIP Center, Agenda and LIFE form : Kishor Mehta
- 8:45 – 9:45 Progress reports (20 minutes each including Q & A)
1. *Time related expenses model, based on combination of exterior, interior, and contents damage*, PI: Jean-Paul Pinelli - Mentors: Maurizio Savina (SCOR), Karthik Ramanathan (AIR), and Daniel Diaz (USAA)
 2. *Exploratory investigation of field damage, hazard, and institutional data for potential use in risk models*, PI: Jean-Paul Pinelli, Co-PIs: Kishor Mehta, Ioannis Zisis, Delong Zuo – Mentors: Tim Doggett (BHSI), Eric Haefli (State Farm), Karthik Ramanathan (AIR), Maurizio Savina (SCOR)
 3. *Empirical vulnerability model to assess impact of windborne tree debris on low-rise construction*. PI: Amal Elawady, Co-PI: Jean-Paul Pinelli – Mentors: Tim Johnson (AIR), Eric Haefli (State Farm)
- 9:45 – 10:05 “Benefits of WHIP Center to AIR” by Karthik Ramanathan, IAB Chair
- 10:05 – 10:15 Break
- 10:15 – 10:35 Comments by Dr. Crystal Leach, NSF Program Director for IUCRC
- 10:35 – 11:55 Progress reports (20 minutes each including Q & A)
4. *Prediction of wind and surge damage to buildings by hurricane*, PI: Doug Smith - Mentors: Eric Haefli (State Farm) and Tim Johnson (AIR)
 5. *Probabilistic Modelling of Household Recovery after Hurricane and Wind Disaster*, PI: Brad Ewing - Mentors: Daniel Diaz (USAA)
 6. *Development of Fragility Curves for Tornadic Loading on Low-Rise Buildings*, PI: Delong Zuo - Mentors: Tim Doggett BHS) and Tim Johnson (AIR)
 7. *Investigation of installation and anchor requirements of roof systems under high wind conditions*, PI: Arindam Chowdhury, Co-PI: Ioannis Zisis - Mentors: Jennifer Keegan and Ming Shiao (GAF)
- 11:55 – 1:00 Lunch break
- 1:00 – 1:20 Research potential at TTU, FIU, and FIT by Ioannis Zisis, Delong Zuo, and Jean-Paul Pinelli

- 1:20 – 2:20 Comments by Guests on the type of research that can be pursued by WHIP Center. This time provides an opportunity by potential future members for suggestions: all participants.
- 2:20 – 2:40 Going forward and schedule for Year 4: Kishor Mehta
- 2:40 – 3:00 Executive Session for IAB, Directors
- 3:00 Adjourn