

2021 Joint FIU Wall of Wind and Lehigh RTMD NSF NHERI Experimental Facility User Workshop



February 25-26, 2021

Online Workshop via Zoom: TBD

Times below are Pacific Standard Time (PST)

AGENDA

February 25, 2021

Time	Item Description
09:00-09:10	Welcome, introductions and workshop schedule
09:10-09:25	Overview of the NHERI Wall of Wind (WOW) Experimental Facility (EF)
09:25-09:40	Overview of the NHERI Lehigh Real-Time Multi-Directional Testing (RTMD) EF
09:40-10:00	Virtual Tour of the NHERI WOW EF
10:00-10:10	Short break
10:10-10:30	Virtual Tour of the NHERI RTMD EF
10:30-11:00	Test design and planning using NHERI WOW EF: Aeroelastic, Aerodynamic, Destructive and Wind-Driven Rain Tests, Downburst Simulations
11:00-11:30	Test design and planning using NHERI RTMD EF
11:30-12:00	Lehigh-FIU Hybrid Wind Simulation Developments
12:00-12:10	Closing Remarks
12:25	<p>One-on-one sessions between participants and WOW EF or RTMD EF to discuss research ideas and (30 min sessions-Registration required)</p> <p>Zoom Meeting with Lehigh RTMD EF Faculty: https://fiu.zoom.us/j/95964210395?pwd=ZXBMRmpoM04yT3NzTnB3K0YzMFltdz09</p> <p>Meeting ID: 959 6421 0395 / Passcode: 6ws4th</p> <p>Zoom Meeting with FIU Wall of Wind EF Faculty: https://fiu.zoom.us/j/99210475359?pwd=SHoxajc2M0djcWY4R0dRRFJXMIn0Zz09</p> <p>Meeting ID: 992 1047 5359 / Passcode: e8bzWV</p> <p>(Guests will be placed in a "waiting room" and let in for 30-minute increments)</p>

February 26, 2021

Time	Item Description
09:00-09:30	Roadmap of Support Provided to NHERI EFs Users (WOW and RTMD)
09:30-10:00	A Cyber-Physical System for Fluid-Structure Interaction: Wind Engineering Applications- Dr. Teng Wu
10:00-10:10	Short break
10:10-10:40	Real-Time Aeroelastic Hybrid Simulation Method for a Bridge Deck Section Model and a High-Rise Building Model-Dr. Oh-Sung Kwon
10:40-11:10	MECHS initiatives: Discussions of future needs and action plans- Dr. Shirley Dyke
11:10-11:25	Closing remarks
12:30	<p>One-on-one sessions between participants and WOW EF or RTMD EF to discuss research ideas and (30 min sessions-Registration required)</p> <p>Zoom Meeting with Lehigh RTMD EF Faculty: https://fiu.zoom.us/j/93148687877?pwd=dTBOTUpIUGpqMEo4TTBhdWY2ekRaUT09</p> <p>Meeting ID: 931 4868 7877 / Passcode: HSpNL2</p> <p>Zoom Meeting with FIU Wall of Wind EF Faculty: https://fiu.zoom.us/j/93208136596?pwd=SEpNcEpjQjF1NTVLMUQrUINNcVByZz09</p> <p>Meeting ID: 932 0813 6596 / Passcode: 2DVh4G</p> <p>(Guests will be placed in a "waiting room" and let in for 30-minute increments)</p>