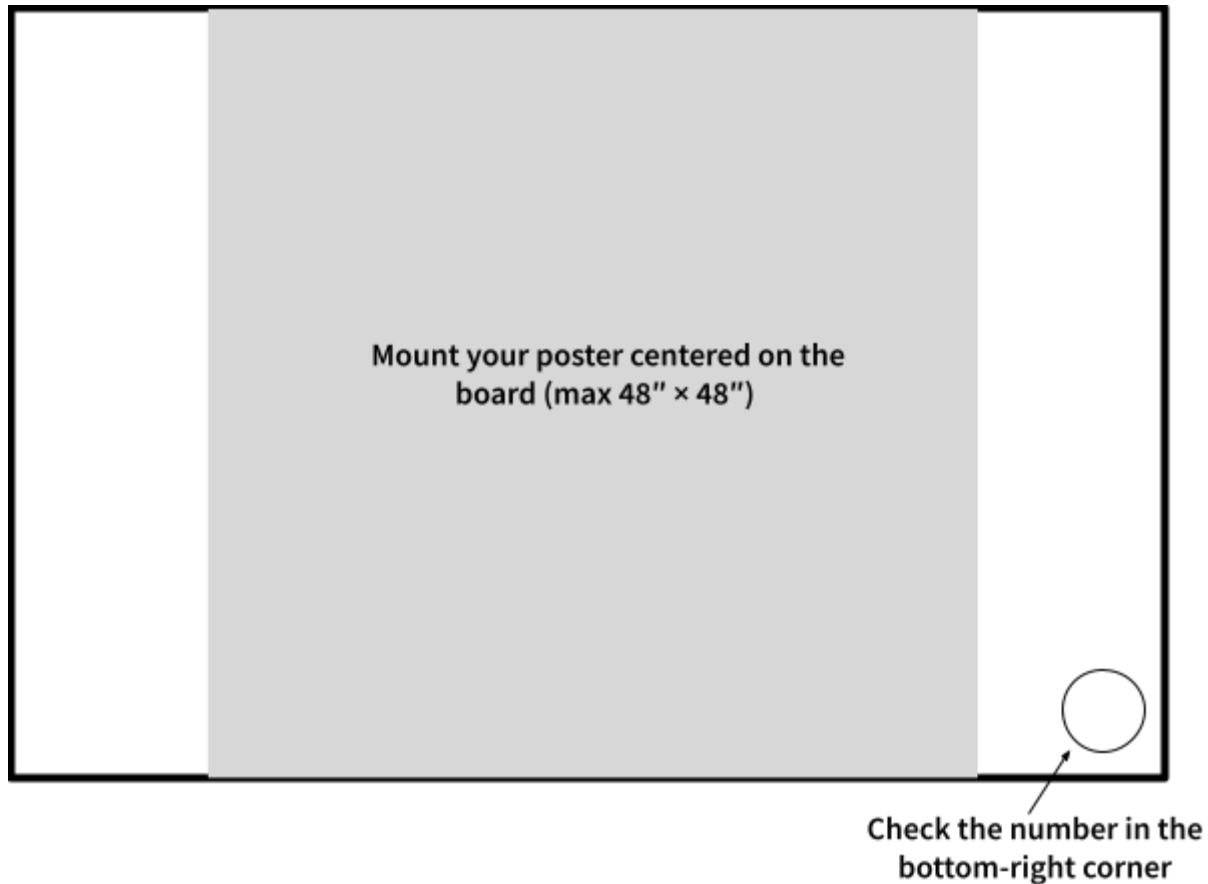


Poster Board Layout



Sep 10 (Wed), 12–2 PM, West Oval Grove; setup 10 AM, remove by 4 PM; double-sided boards (one poster per side), board 48"×60", poster $\leq 48" \times 48"$; check the bottom-right board number; presenters should be present for the entire session; see the Poster Guidelines for local printing vendors.

Poster Board Orders

1. In-Situ Ultrasonic Monitoring for Process Monitoring of Digital Light Process 3D Printing
Saman Jamshididana, Dennis Roach, Devin Roach
2. Application of the iFEM Strategy to an Experimental Ship Scaled-Model Backbone Beam with Strain Pre-Extrapolation for Shape Sensing and Dam age Identification
Jacopo Bardiani, Andrea Manes, Claudio Sbarufatti

3. Shape Reconstruction of Post-buckled Panels in a Wagner-Beam Test-rig Using Distributed Optical Sensors and Digital Image Correlation
Pietro Aceti, Sebastian Stammel, Giuseppe Sala, Chiara Bisagni
4. A Robust Vessel Tracking Method Based on Video and AIS Data in Bridge Vessel Collision Avoidance System
Jun-Ping Zhong, Wen-Qiang Liu, Su-Mei Wang, Yi-Qing Ni
5. Bridge Health Monitoring through Crowd-sensed Drive-by Vehicle Vibrations
Jatin Aggarwal, Jingxiao Liu, HaeYoung Noh
6. Comparative Evaluation of Robot and Portable SHM Platforms for Drive-By Bridge Modal Identification
Abdulrahman AlGadi, Furkan Luleci, F. Necati Catbas
7. YOLO-DCD: A YOLO-Based Framework for Dam Damage Change Detection and 3D Model Updating
Hang Zhao, Vahidreza Gharehbaghi, Jian Li, Caroline Bennett, Rémy Lequesne
8. Locating Crack Tip in Mode-I Fracture Tests of Engineered Wood by Acoustic Emission and Machine Learning
Xiangdong He, Peng Zhang, Xuan Zhu
9. Real-Time Structural Damage Detection Using Only Signals Acquired During Impact Events
Michele Meo
10. Micro-Mechanical Modelling & Characterization of Nano-Filler Reinforced Polymer Composites
Abhay Kaushik Nudurupati, Surajit Roy, Daisy Salmeron
11. Automated Rebar Recognition and Evaluation Through Hyperbolic Fitting and Signal Analysis of Ground Penetrating Radar (GPR) Data
Wael Zatar, Hien Nghiem
12. Low Cost Technologies Adoption for Structural Health Monitoring in India: Case Studies
Shipra Prakash, Suresh Bhalla
13. A Study of The Temporary Bridge Crossing for Appalachia after Hurricane Helene
Shen-En Chen, Howard Chung, Paul Sumitro, Jing Qiong Hu, Alireza Mortezayian