Western Regional Strain Gage Committee

• Society of Experimental Mechanics •

2026 Spring Test and Measurement Conference
Virtual Meeting via Zoom - April 14, 2026

	Presentation Time (ET)	Presenter	Presentation Title
Tuesday, April 14, 2026			
	11:00 AM	**Ravi Shukla (Chair)**	**Introduction & Welcome**
	11:10 AM	**Shu Minakuchi (Associate Professor-Department of Aeronautics and Astronautics The Graduate School of Engineering, The University of Tokyo)**	**Fiber-Optic Shape Sensor for Measuring Composite Consolidation Deformation**
	11:40 AM		Q&A
	11:50 AM		Break
	12:00 PM	**Casey Henderson (Research Associate) and Vivian lim (Research Engineer) National Institute for Aviation Research, Wichita State University**	**Improving Adhesion of Strain Gages on Polymer Material Through Surface Preparation**
	12:30 PM		Q&A
	12:40 PM		Break
	12:50 PM	**Wei Meng, Ph.D. (Rice Innovation Fellow, Activate Fellow, CEO and Co-Founder-LumiStrain, Inc.)**	**A Carbon Nanotube-Based Optical Method for Strain Measurement in Structural Testing and Health Monitoring**
	1:20 PM		Q&A
	1:30 PM	**Matthew Slama (Principal Engineer-Slama Engineering LLC)**	**Multi-Axis Force Sensing in Complex Suspension Geometries: An FEA-Driven Approach to Topology and Thermal Optimization**
	2:00PM		Q&A
	2:10PM		Break
	2:20pm		**General Business Meeting**
	3:00 PM		**Adjourn**