



Workshop 7: The importance of Haptics in Telepresen Shape Displays: Challenges in Actuators/Sensors for Tangible Interactionsce

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The Shape Displays Workshop aims to provide a comprehensive understanding of the emerging field of shape displays. Participants will learn about the design and development of shape display enabling tangible interaction with 3D physical information and geometrical topology generated by various actuators and sensors. The workshop will cover fundamental principles such as the physics of stimuli-responsive materials, the design of actuators and sensors, and their integration into tactile interfaces. Invited lectures and young scientist talks will offer insight into the cutting-edge technologies for shape displays, and participants will have the opportunity to present their own work during the young scientist talks and receive feedback. By the end of the workshop, participants will have a deeper understanding of shape displays and their promising applications in various domains.

Workshop Website: <https://sites.google.com/view/whc2025-shapedisplays>