

UNIVERSITY OF SOUTH FLORIDA

Major Research Area Paper Presentation

A Survey of Assessment, Measurement, and Interpretation of Extended Reality for Collaborative Virtual Environments

By Sarah Garcia

For the Ph.D. degree in Computer Science and Engineering

Abstract: The use of extended reality (XR) has experienced significant growth, and as this technology continues to reach the hands of consumers, researchers are interested in using XR to improve collaborative work in various domains including education, training, and the workplace. In this paper, a literature review is presented of the state of the art in measurement, assessment, and interpretation in collaborative XR user studies. Additionally, the common challenges found in evaluating XR collaborative work are discussed.

Wednesday, November 17th, 2021

3:30 PM

Room ENB 313

Online (Microsoft Teams)

Please email sarahgarcia@usf.edu for more information

THE PUBLIC IS INVITED

Examining Committee

Marvin Andujar, Ph.D., Major Professor

Shaun Canavan, Ph.D.

Paul Rosen, Ph.D.

Sylvia Thomas, Ph.D.

Michael Boyce, Ph.D.

Xinming Ou, Ph.D.

Associate Chair for Graduate Affairs

Computer Science and Engineering

College of Engineering

Sudeep Sarkar, Ph.D.

Department Chair

Computer Science and Engineering

College of Engineering

Disability Accommodations:

If you require a reasonable accommodation to participate, please contact the

Office of Diversity & Equal Opportunity at 813-974-4373 at least five (5) working days prior to the event.