## UNIVERSITY OF SOUTH FLORIDA

## Major Research Area Paper Presentation

Impact of Age on Emotion Recognition by Sk Rahatul Jannat

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

In this presentation, I detail my current research on the impact of age on emotion recognition including related work and why the problem of investigating age, as it relates to emotion recognition, is important. New approaches for generalizing emotion recognition across age are proposed, as well as a new approach to help diagnose Autism Spectrum Disorder in children, through analysis of emotion-related features. This approach will also give an explanation as to why the diagnosis occurred. I detail my overall research vision, give a summary of work to date, and conclude with future work and challenges.

> Thursday April 30,2020 2:00 PM

Online (Blackboard Collaborate ultra) Email <u>jannat@mail.usf.edu</u> for more information.

THE PUBLIC IS INVITED

Examining Committee Shaun Canavan, Ph.D., Major Professor Dmitry Goldgof, Ph.D. Tempestt Neal, Ph.D. Heather Agazzi, Ph.D. Pei-Sung Lin, Ph.D.

Yu Sun, Ph.D. Graduate Program Director Computer Science and Engineering Sudeep Sarkar, Ph.D. Department Chair Computer Science and Engineering College of Engineering

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