

UNIVERSITY OF SOUTH FLORIDA

Major Research Area Paper Presentation

*Employing Fusion of Learned and Handcrafted Features for
Unconstrained Ear Recognition*

by

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

We present an ear recognition framework that outperforms state-of-the-art systems. We developed Convolutional Neural Network (CNN) based solutions for normalization and description, we used well known handcrafted descriptors, and we fused learned and handcrafted features. The obtained results surpass all other reported results for the Unconstrained Ear Recognition Challenge, which contains the most difficult database nowadays.

December 15, 2017

10:00am

ENB 313

THE PUBLIC IS INVITED

Examining Committee

Sudeep Sarkar, Ph.D., Major Professor

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