

UNIVERSITY OF SOUTH FLORIDA

Major Research Area Paper Presentation

A Specification Mining Framework for Modeling Chip
Design Behavior

by

Md Rubel Ahmed

For the Ph.D. degree in Computer Science Engineering

A thorough and comprehensive specification of highly complex System-on-Chip (SoC) is critical for performing rigorous validation. But high-quality specifications are nonexistent or often disconnected from the design. This research aims to develop an automated specification mining framework to infer accurate system level communication behaviors or specification of SoC design. In this presentation, we survey the existing works on specification mining and outline future research directions.

Friday, October 15th, 2021

12:00 PM

Online, [Microsoft Teams](#)

Please email mdrubelahmed@usf.edu for additional information

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*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