

IEEE Southeastern Michigan
Presents a Distinguished Speaker Technical Talk on
Nature Guided Design Optimization in Continuous Space



Quick Summary

- **When:**
Date: Dec 12, 2023
Time: 06:00 – 7:00 PM
(EST/EDT)
- **Where:**
ONLINE/Virtual via
WEBEX
- **Audience:** OPEN to ALL

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Technical Chapters

This presentation will put forth four straightforward, but successful implementations of natural systems inspired optimization for the design of complex systems in continuous (or real) valued spaces. These nature-based paradigms range in fidelity with their natural systems origins but seek to leverage the structures and operations of nature doing what it does best –system optimization, adaptability to dynamic environments, robustness, and flexibility.

Speaker Bio:

ALICE E. SMITH is the Joe W. Forehand, Jr. Distinguished Professor of the Industrial and Systems Engineering Department at Auburn University, where she served as Department Chair from 1999-2011. She also has a joint appointment with the Department of Computer Science and Software Engineering. Previously, she was on the faculty of the Department of Industrial Engineering at the University of Pittsburgh from 1991-99, which she joined after industrial experience with Southwestern Bell Corporation. Dr. Smith has degrees from Rice University, Saint Louis University, and Missouri University of Science and Technology

***Pre-Registration Required**

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