Research Seminar Series

Monday, 20 February 2006, 2-2:50pm, Broun 238

Some Recent Applications of Applied Computational Intelligence and Faith-Based Search

Abstract:
In this presentation, we will provide a number of applications of Faith-Based Search (FBS) and Faith-Based Meta-Search (FBMS) by the students and friends of the Applied Computational Intelligence Laboratory. We then will discuss how FBS and FBMS are being used in the design of space vehicles. Included in our discussion will a brief presentation by Win Britt on distributed forms of FBS and the Nuclear Electric Vehicle Optimization Toolkit (NEVOT) as well as an introduction of a faith-based system called X-TOOLSS (eXploration Toolset for Optimization Of Launch and Space Systems) and its use in the design of lunar habitation modules by Aaron Garrett.

Dr. Gerry Dozier
Auburn University

Reception to follow in Dunstan Study Lounge