Best Paper Awards of ANNIE 2005

NOVEL SMART ENGINEERING SYSTEM DESIGN AWARD

Best Paper

Probabilistic Neural Network: Comparison of the Cross-Validation Approach and a Fast Heuristic to Choose the Smoothing Parameters

Mingyu Zhong, Joshua Hecker, Ian Maidhof, Phillip Shibly, Michael Georgiopoulos, Mansooreh Mollaghasemi, Samuel Richie
University of Florida, Florida, USA

Georgios Anagnostopoulos
Florida Institute of Technology, Florida, USA

First Runner-Up

Use of Neural Networks to Develop Robust Backcalculation Algorithms for Nondestructive Evaluation of Flexible Pavement Systems

Halil Ceylan, Mustafa Birkan Bayrak, Alper Guclu
Iowa State University, Iowa, USA

Second Runner-Up

Optimal Asset Allocation Using Reinforcement Learning: A Case Study

Hailin Li, Cihan H. Dagli, David Enke
University of Missouri - Rolla, Missouri, USA