

Best Paper Awards of ANNIE 2002

NOVEL SMART ENGINEERING SYSTEM DESIGN AWARD

Best Paper

Prediction of Rainfall From WSR-88D Radar
Using Support Vector Regression

T. Trafalis, M. Richman, B. Santosa
University of Oklahoma, Oklahoma, USA

First Runner-Up

Using Support Vector Machines for Development and Testing
Intelligent Sensors to Combat Terrorism

Walker Land, Jr., Omowunmi Sadik, Dale Leibensperger, Marc Breimer
State University of New York at Binghamton, New York, USA

Second Runner-Up

Registration of Closed Free-Form Surfaces Using Deformable Maps

George Knopf, Archana Sangole
The University of Western Ontario, London, Ontario, CANADA

THEORETICAL DEVELOPMENTS IN COMPUTATIONAL INTELLIGENCE

Best Paper

Dynamic-Node Neural Network Architecture Learning:
A Potential Function Approach

Iren Valova, Jorg Tovar
University of Massachusetts, North Dartmouth, Massachusetts, USA

Natacha Georgieva
City University of New York, Staten Island, New York, USA

First Runner-Up

Ants and Evolution: The Non-Uniform Steiner Minimal Tree Problem

Chris Coulston, Matt Smith and Katrina Werger
Penn State Erie, Erie, Pennsylvania, USA

Second Runner-Up

A Three-Layered Learning System With Validation and High
Generation Accuracy

Hoi-Ming Chi and Okan Ersoy
Purdue University, Indiana, USA