

# Best Paper Awards of ANNIE 2001

## NOVEL SMART ENGINEERING SYSTEM DESIGN AWARD

---

### Best Paper

Use of Emulations of the Immune System to Handle Constraints in  
Evolutionary Algorithms

Carlos A. Coello Coello, Texas, USA

Nareli Cruz Cortes, CINNVESTAV-IPN, MEXICO

---

### First Runner-Up

Evolutionary Synthesis of Microelectromechanical  
Systems (MEMS) Design

Ningning Zhou, Bo Zhu, Alice Agogino, Kris Pister  
University of California at Berkeley, Berkeley, CA, USA

---

### Second Runner-Up

Visualization of High Dimensional Image Data Using a 3D SOFM

Archana Sangole and George K. Knopf  
University of Western Ontario, London, Ontario, CANADA

---