

NAFIPS-05 Annual Conference:

Soft Computing for Real World Applications

Ann Arbor, Michigan, June 22-25, 2005

Honorary Chair:
Lotfi A. Zadeh

VENUE

You are cordially invited to participate in the NAFIPS'05 Annual Conference to be held in Detroit Metro area, the heart of US automotive industry. The conference will take place in Four Points by Sheraton, Ann Arbor, Michigan.

General Chair:
Dimitar Filev

FORMAT AND SCHEDULE

The Conference will include three days of presentations (Thursday through Saturday) Registration and Welcome Reception – Wednesday Night

Organizing
Committee Chair:
Harpreet Singh

A special track on soft computing applications will be part of the conference program
A half-day visit to an automotive plant in Detroit area will be included in the conference program. The conference banquet will be held in the world famous Henry Ford Museum

Program Chair:
Hao Ying

AIMS AND SCOPE

The goal of NAFIPS'05 meeting is to bring together researchers, engineers and practitioners to present the latest achievements and innovations in the area of soft computing, fuzzy theory and applications, to discuss thought-provoking developments and challenges, to consider potential future directions.

Tutorials Chair:
George Vachtsevanos

TOPICS:

- ❖ Fuzzy Sets Methodology/Algorithms/Mathematics, Neurofuzzy Systems/Evolutionary Optimization/Hybrid Architectures
- ❖ Computational Intelligence/Learning Adaptive Systems/Uncertainty Management
- ❖ Fuzzy Modeling/Intelligent Data Analysis Control/Robotics/Computer Vision
- ❖ Pattern Recognition/Image Processing Bioinformatics/Software Engineering/Intelligent Agents
- ❖ Data Mining/Databases/Human-Centric Interfaces/Visualization Applications/Computational Experiments/Case Studies
- ❖ Applications of Soft Computing Technologies

Invited Session
Chair:
Thomas Sudkamp

Finance Chair:
Joseph Barone

Publication Chair:
Janos Grantner

Registration
Chair:
Devinder Kaur

SPECIAL TOPIC SESSIONS & TUTORIALS

Proposals for special sessions and tutorials focusing on fundamental theories and innovative applications of fuzzy sets and soft computing are welcome. Submission of proposals to General Chair should include a short description of the session, its relevance to NAFIPS-05, and a list of potential contributors. Special sessions will be open to all participants.

Publicity Chair:
Thomas Meitzler

BEST STUDENT PAPER CONTEST

To identify and recognize accomplishments of students, the best student papers will be recognized with a special award. To qualify, a student or a group of students must be the primary author(s) of the paper. The paper will be judged based on both manuscript content and presentation. Awards will be presented at the banquet.

Webmaster:
Nabil J.Sarhan

IMPORTANT DATES

Special Topic Session Proposals Due:	January 30, 2005
Paper Abstracts Due:	February 5, 2005
Notification of Acceptance:	March 1, 2005
Final Papers and Early Registration:	April 3, 2005

For further details please contact Dimitar Filev (Phone: 313-594-1775, Fax: 313-594-1898, dfilev@ford.com)