

WORKSHOP

Intelligent systems for modeling and control: advances in design and validation

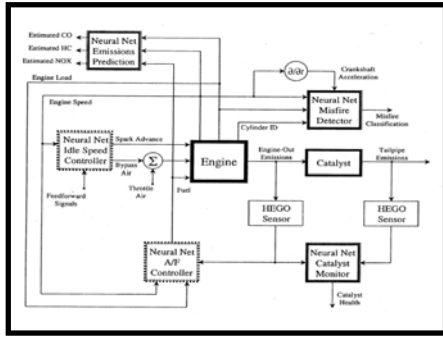
2008 IEEE Multi-conference on Systems and Control (MSC)
San Antonio, Texas, September 3-5, 2008

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Scope: Intelligent systems, or systems which include neural, fuzzy or evolutionary components, have to be designed or trained carefully, taking into account uncertainties, and verified/validated well before they are accepted for deployment. Our workshop is intended to overview state of the art and recent advances in intelligent systems for modeling and control with examples from automotive, aerospace and chemical industries. Presentations from both industrial and non-profit researchers will ensure effective sharing of knowledge and cross-disciplinary relevance.

Schedule (full day September 2):

Neural networks in automotive applications, Danil Prokhorov, **Toyota Tech Center-USA**

Real Time Autonomous Diagnostics, Prognostics, & Process Control in Automotive Manufacturing, Dimitar Filev, **Ford Research**

Statistical Verification for Intelligent Control, Tariq Samad, **Honeywell**

Intelligent and Adaptive Systems in High Assurance Applications, Johann Schumann, **NASA Ames**

Advances in Immune Systems Engineering for Automotive Engines, Dragan Djurdjanovic, **University Texas-Austin**

Applied Computational Intelligence in the Chemical Industry, Arthur Kordon, **Dow Chemical**

Machine Learning for On-Road Autonomous Driving, Kristopher Kozak, **Southwest Research Institute**



See <http://conferenze.dei.polimi.it/msc08/index.html> for more details!

