

## Tutorials

ADPRL	Optimal Feedback Control and Differential Games Using Approximate Dynamic Programming	Frank Lewis (Automation & Robotics Research Institute (University of Texas at Arlington), USA); Draguna Vrabie (United Technologies Research Center, USA)	Tuesday	16:30	18:30
CIASG	Computational Intelligence Methods for Smart Grid Applications	Ganesh Kumar Venayagamoorthy (Missouri University of Science and Technology, USA)	Thursday	08:30	10:30
CIBCB	Introduction to Bioinformatics	Jason Moore (Dartmouth College, USA)	Tuesday	16:30	18:30
CIBIM	Adaptive Biometric Systems	Fabio Roli (University of Cagliari, Italy); Gian Luca Marcialis (University of Cagliari, Italy)	Thursday	14:00	16:00
CIBIM	Belief Network Design for Biometric Systems	Svetlana N Yanushkevich (University of Calgary, Canada)	Friday	16:30	18:30
CIDM	Mining Networked Data	Nicola Di Mauro (Universita' degli Studi di Bari, Italy); Donato Malerba (Universita' di Bari, Italy)	Wednesday	16:30	18:30
CIDM	Mining in distribution sensitive environments: Tackling the problem of class imbalance and predictive uncertainties	Nitesh Chawla (University of Notre Dame, USA)	Friday	14:00	16:00
CIFer	Using Semantic Web technologies to assist financial analysis	Xian Li (Rensselaer Polytechnic Institute, USA)	Friday	14:00	16:00
CIFer	Use of Real Options embedded in the Architecture of a Technology Innovation Portfolio	Scott Mathews (Boeing, USA)	Thursday	08:30	10:30
CIMI	Evolutionary Medical Image Registration: Fundamentals, Approaches, Methods, and Real-World Applications	Sergio Damas (European Centre for Soft Computing, Spain)	Thursday	11:00	13:00
CIMSIVP	Advanced Image Processing	Khan Iftekharuddin (University of Memphis, USA)	Wednesday	08:30	10:30
FOCI	Fuzzy Rule Based Networks	Alexander Gegov (University of Portsmouth, United Kingdom)	Tuesday	11:00	13:00
IA	Fuzzy Markup Language: A new Solution for Transparent Intelligent Agents	Giovanni Acampora (University of Salerno, Italy); Vincenzo Loia (University of Salerno, Italy)	Friday	08:30	10:30
IA	Intelligent Agents for Games and the Computer Go	Chang-Shing Lee (National University of Tainan, Taiwan); Olivier Teytaud (INRIA, France)	Thursday	14:00	16:00
IEEE ALIFE	Cellular Automata: Theory and Applications	Terry Bossomaier (Charles Sturt University, Australia)	Wednesday	16:30	18:30
IEEE ALIFE	Information: Currency of Life?	Daniel Polani (University of Hertfordshire, United Kingdom)	Wednesday	11:00	13:00
IEEE MCDM	A Tutorial on Evolutionary Multi-Objective Machine Learning	Yaochu Jin (University of Surrey, United Kingdom)	Wednesday	16:30	18:30
IEEE MCDM	An Introduction to Computational Intelligence in Multi-Criteria Decision-Making: The Intersection of Search, Preference Tradeoff, and Interaction Visualization	Piero Bonissone (General Electric Global Research, USA)	Tuesday	11:00	13:00
SDE	Differential Evolution: Foundation, Perspectives, and Applications	Ponnuthurai Nagarathnam Suganthan (Nanyang Technological University, Singapore); Swagatham Das (Jadavpur University, India)	Wednesday	08:30	10:30
SIS	Cultural Algorithms: Unleashing the Power of Social Intelligence in Virtual Worlds	Robert Reynolds (Wayne State University, USA)	Tuesday	14:00	16:00