Invited Workshop : Data Mining and Business Intelligence

Invited Organizer: Yong Shi
Graduate University of Chinese Academy of Sciences, China
University of Nebraska at Omaha, USA.

May 26th

18:00--20:00 reception

<u>May 27th</u>

10:50--11:00 opening

[Session 1: Chair Yong Shi]
11:00--11:30   Panos M. Pardalos (Center for Applied OptimizationAIndustrial and
              Systems Engineering Department University of Florida, USA)
   "Classification of ambiguous medical data"

11:30--12:00   Jifa Gu (Institute of Applied Mathematics,AMSS,CAS,China)
   "Expert mining and its applications"

(lunch)

[Session 2:   Chair Yong Shi]
14:00--14:30   Qiang Yang (Hong Kong University of Science and Technology)

   " Transfer learning in data mining"

14:30--15:00   Hong Cheng (The Chinese University of Hong Kong)
   "Integration of classification and pattern mining: a discriminative and frequent
    pattern-based approach"

(coffee break)

15:30--16:00   So Man-Cho, Anthony (the Chinese University of Hong Kong)
   "Pari-mutuel markets: mechanisms and performance"

16:00--16:30   Yiu-Ka-Fai, Cedric (the Hong Kong Polytechnic University)
   "Optimal portfolios with a VaR constraint"

16:30--17:00   Frank Xu (Business Technology Institute, The University of Hong Kong)
   "A system for China-based bonded manufacturing enterprises to manage customs
    risks in global supply chain"

May 28th

[Session 3: Chair Yong Shi]
10:30--11:00   Wu Zhen (Shandong University, China)
  "The maximum principles for partially observed stochastic recursive optimal control
    problem and application"

11:00--11:30   Yingjie Tian (Research center on Fictitious Economy and Data Science,
                CAS, China)
  "Kernel regularized multiple criteria linear programming"

11:30--12:00   Xiaofei Zhou(Research center on Fictitious Economy and Data Science,
                CAS, China)
  "A novel classification method based on L_1 norm distance"

  (lunch)

[Session 4:   Chair Yong Shi]
14:00--14:30   Zhiwang Zhang (Graduate University of Chinese Academy of Science,
                China)
  "A new multiple criteria programming approach based on rough approximation for
    classification"

14:30--15:00   Ling Feng Niu(Academy of Mathematics and Systems Science, CAS)
  "A New Decomposition Algorithm for Training Bound-Constrained Support Vector
    Machines"

  (coffee break)

15:30--16:00   Dongling Zhang (Graduate University of Chinese Academy of Science,
                China)
  "A group of Knowledge-incorporated Multiple Criteria Linear Programming
    Classifier"

16:00--16:30   Peng Zhang (Graduate University of Chinese Academy of Science, China)
  "Mining labeled and unlabeled data via multiple criteria linear programming
    Classification Model"

16:30-- closing remarks

19:00--21:00 Excursion (Harbour Cruise)

May 29th

10:30--17:00 open discussions

18:30--20:30 Banquet