

Yan Chen



Position : Associate Professor
Faculty : School of Business
Email Address : yachen@must.edu.mo
Telephone : (853) 8897-2048
Fax No. : (853) 2882-3281
Office : A420
Mailing Address : Avenida Wai Long, Taipa, Macau

Teaching and Research Areas :

Scheduling; Supply Chain Management, Transportation
Planning; Applied Statistics; Quality Management

Academic Qualifications

2002 - 2006 Ph.D / Industrial Engineering / Arizona State University
1996 - 1999 Master / Systems Engineering / Xiamen University
1992 - 1996 Bachelor / Systems Engineering / Xiamen University

Teaching Experiences

2013 - Present Associate Professor / School of Business / Macau University of Science and Technology
2006 - 2013 Assistant Professor / School of Business / Macau University of Science and Technology

Representative Publications

Journal Articles:

Chen, Y., Pfund, M.E., Montgomery, D.C. and Fowler, J.W. (2010). Robust Scaling Parameters for Composite Dispatching Rules, IIE Transactions , 42(11) , 842-853

陈艳. (2009). 利用多变量自适应回归样条函数(MARS)确定ATCS 复合分派规则的缩放参数, 控制与决策, 2009, 24(12), 1816-1820

Pfund, M.E., Fowler, J.W., Gadkari, A., and Chen, Y. (2008). Scheduling jobs on parallel machines with ready times and setup times, Computers & Industrial Engineering, 54, 764–782

Chen, Y., Toni, F. and Ye, N. (2004). Quality of service requirements of network applications on the internet, Information `Knowledge ` Systems Management, 4, 55-76

Conference Proceedings:

Chen Y. , Chow K.H. , and Nie T. (2012). The ways for improving the operations of hospital industry - The case in Macau. International Conference on Low-carbon Transportation and Logisticss, and Green Buildings, Beijing, China, 2012

Chen Y., Fowler, J.W., Wu T., Callarman T., Ambrose E. and Hargaden V. (2006). An adaptive distributed simulation framework for a server fulfillment supply chain. The 2nd IEEE Conference on Automation Science and Engineering (CASE 2006) , Shanghai, China, October, 2006

Research Projects

2011 - 2012	Studies on Migrant Worker Policy in Macao
2009 - 2011	Evaluate economic impacts of MICE tourism on Macao
2005 - 2006	Distributed Decision Support Framework for Adaptive Supply Chain
2004 - 2005	Dynamic Business Rules for Supply Chain Optimization.
2003 - 2006	Scheduling of Semiconductor Wafer Fabrication Facilities