

Editors: Lei Zhang & Yonggen Gu

Information Systems and Computing Technology

004.
PRO

 **CRC Press**
Taylor & Francis Group
A BAKER & BLYTHE BOOK

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON INFORMATION SYSTEMS
AND COMPUTING TECHNOLOGY (ISCT 2013), WUXI, CHINA, 15-16 SEPTEMBER 2013

Information Systems and Computing Technology

Editors

Lei Zhang

*Wuxi Innovation Center of Shanghai Institute of Technical Physics
of the Chinese Academic of Sciences, Shanghai, China*

Yonggen Gu

Huzhou Teachers College, School of Information and Engineering, Huzhou, China

3174
LIBRARY
Department of Computer Science
UNIVERSITY OF KARACHI
19-4-16



CRC Press

Taylor & Francis Group

Boca Raton London New York Leiden

CRC Press is an imprint of the
Taylor & Francis Group, an informa business

A BALKEMA BOOK

Table of contents

Preface	vii
Sponsors	ix
<i>Invited papers</i>	
Incorporating the multi-cross-sectional temporal effect in Geographically Weighted Logit Regression <i>K. Wu, B. Liu, B. Huang & Z. Lei</i>	3
One shot learning human actions recognition using key poses <i>W.H. Zou, S.G. Li, Z. Lei & N. Dai</i>	15
Band grouping pansharpening for WorldView-2 satellite images <i>X. Li</i>	25
Research on GIS based haze trajectory data analysis system <i>Y. Wang, J. Chen, J. Shu & X. Wang</i>	35
<i>Regular papers</i>	
A warning model of systemic financial risks <i>W. Xu & Q. Wang</i>	47
Research on smart mobile phone user experience with grounded theory <i>J.P. Wan & Y.H. Zhu</i>	51
The software reliability analysis based on Weibull distribution <i>G. Zou, S. Song & X. Huang</i>	59
Research on change of farmland area and its driving factors in Shaanxi, China <i>J.C. Han & X.M. Li</i>	65
Research and application on personalized recommendation based on attribute inference technique <i>Z. Bu & M. Zhu</i>	73
The electromagnetic propagation properties of metamaterials with double-inductance loading in unit cell <i>Y. Liu, S. Wang, Q. Zhao & N. Guo</i>	79
Online position calibration of antenna array elements for direction finding <i>L.B. Chen, X.Y. Zhang, Q. Wan & J.H. Yin</i>	85
Adaptive Harris corner detection algorithm based on image edge enhancement <i>Y. Fang & Z. Lei</i>	91
An improvement of AODV protocol based on load balancing in ad hoc networks <i>X. Zhang & X. Jia</i>	97

Improve the vocational college students' interest in learning by optimizing the teaching contents of advanced mathematics <i>H. Zhao</i>	103
Research of based on the rules of the Chinese-Tibetan machine translation system dichotomy of syntactic analysis method <i>Z. Cai</i>	107
Query optimum scheduling strategy on network security monitoring data streams <i>Y. Ren, H. Li, H. Lv & H. Lv</i>	115
Arithmetic labeling about the Graph $C_{4k,2,n}$ <i>E. Liu, Q. Zhou & W. Yu</i>	121
A dual-market Cloud model for Cloud computing service <i>X. Wu, Y. Gu & J. Tao</i>	127
Technical requirements for integrated electronic information system in Big Data Era <i>S. Zhang, Y. Kan & P. Liu</i>	133
The research of CRM based on web mining approach <i>J. Ku, N. Chang, W. She & Z. Cai</i>	141
Study on loan interest rates risk of commercial banks based on adverse selection <i>J. Wang</i>	149
A new network signal anti-collision algorithm <i>X. Zhang, M. Duan & Y. Ni</i>	157
The study of network node performance <i>M. Duan, Y. Wang & Y. Ni</i>	163
Author index	169