

**ROMANIAN JOURNAL OF INFORMATION
SCIENCE AND TECHNOLOGY**

Volume **21**, Number 2, 2018, 151–152

This special section comprises three research papers. All these manuscripts are selected papers from WorldCIST'18 - 6th World Conference on Information Systems and Technologies, held in Naples, Italy, in 2018. The WorldCIST conferences have become an important forum for researchers and professionals to exchange ideas and experiences involving research problems and corporate solutions related to information systems and technologies, as well as computer science in general.

In the paper “**Intelligent Optimization on Correlation Entropy Matter-element Model of Innovation and Reform Pilot Area**” the authors *Zhenyuan Liu, Renyan Mu, ShuHua Hu, Li Wang, Lijun Wang* built a comprehensive competitiveness evaluation system of the pilot area by combining internal relations and differences among the comprehensive innovation and reform pilot area, the national high-tech Development Zone, and the indigenous innovation demonstration zone.

Han Peng in the paper on “**Collaborative Control of Vehicle System at Road Intersection in Dynamic Competitive Environment**” carried out the safety function index and the quickness index are used to establish the vehicle cooperation control model of the road intersection, and the fitness function is constructed by the penalty function method. The particle swarm optimization algorithm is used to analyze the case, and finally, optimal acceleration of the six vehicles is obtained.

In the next paper on “**Analysis on Knowledge Innovation Efficiency of Agricultural Sci-tech Journal Community: Perspective of Knowledge Communication**” the authors *LI Ping, Wang Weiwei and Chen Chibo* analyzed knowledge innovation efficiency of agricultural sci-tech journal community by using the non-parametric DEA-Tobit two-step model. The academic quality of journal papers is a major factor in the efficiency of journal community knowledge innovation.

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He is also President of AISTI (Iberian Association for Information Systems and Technologies), Chair of IEEE Portugal Section Systems, Man, and Cybernetics Society Chapter, Editor-in-Chief of JISEM (Journal of Information Systems Engineering & Management) and Editor-in-Chief of RISTI (Iberian Journal of Information Systems and Technologies).

Moreover, he has acted as a Vice-Chair of Experts in the Horizon 2020 of the European Commission, as an Expert in the Italian Ministry of Education, University and Research, and as General-Chair of the WorldCIST (World Conference on Information Systems and Technologies).