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刘翠玲 - Liu Cuiling

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刘翠玲, 教授, 博士。自1983年高校从教, 2002年毕业于哈尔滨工业大学导航、制导与控制专业获工学博士学位。现任计算机与信息工程学院教授、研究生导师, 控制科学与工程一级学科负责人。兼任中国计算机用户协会仿真技术应用分会副理事长, 中国仪器仪表学会分析仪器分会理事、快速检测技术及仪器专业委员会委员、中国系统仿真学会仿真方法与建模专业委员会委员等。

从事智能检测与过程控制工程、系统仿真与建模等教学、科研工作。为本科生、研究生主讲《过程控制系统》、《集散控制系统》、《系统辨识》等课程, 指导研究生、本科生70余人。在智能检测技术与数据处理、复杂系统的建模与仿真方法研究、生产过程的先进控制策略、智能控制方法研究及应用等方面做出一定成绩, 目前主要从事食品品质的光谱快速检测技术、多相流检测及建模、控制工程等。主持完成了主持北京市教委重点规划项目、北京市自然科学基金项目“基于光谱技术的食品安全快速检测方法研究”等多项省部级、横向科研课题和教改项目, 获省部级以上科研、优秀教学成果奖5项, 校级优秀教学成果与科研奖励十余项, 主编和编著出版《集散控制系统》、《基于近红外光谱技术食品检测技术研究》等7部, 在《食品科学》、《农业机械化学报》、《仪表技术与传感器》等学术期刊, 发表论文60余篇, 多篇被EI/ISTP收录。曾荣获省级优秀教育工作者和教育系统劳动模范称号, 当选为两届市级党代会代表、两届区人大代表。

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Liu Cuiling, professor, doctor, starting her career as a college teacher in 1983, graduated from Harbin Institute of Technology with a doctor's degree in navigation, guidance and control in 2002, now serves as a professor and graduate teacher at School of Computer and Information Engineering, a person in charge of first-level discipline Control Science and Engineering, Vice Chairman of Simulation Technology Application Branch of China Computer Users Association, a director of Analytical Instrument Branch of China Instrument Society, a member of Committee on Professional Fast Detection Technologies and Instruments, and a member of Committee on Professional Simulation Methods and Modeling of China Association for System Simulation.

She is engaged in the craft of intelligent detection and process control engineering, system simulation and modeling involving teaching and scientific research; teaches over 70 undergraduates and postgraduates courses in Process Control System, Distributed Control System and System Identification. She has made

certain achievements in intelligent detection technology and data processing, complex system modeling and simulation method research, advanced control strategy for production process, intelligent control method research and application, and at present is mainly engaged in rapid spectroscopy detection technology of food quality, multiphase flow measurement and modeling, and control engineering, etc. Professor Liu directed and completed a number of provincial and ministerial horizontal scientific research topics and teaching reform projects, including a key project initiated by Beijing Municipal Education Commission and a project funded by Beijing Natural Science Foundation entitled "Spectroscopy Technology-based Research on Rapid Detection of Food Safety", won 5 provincial, ministerial and national excellent scientific research and teaching achievement awards and over ten scholastic excellent teaching and scientific research achievement awards, edited and published 7 monographs, including Distributed Control System and Near-infrared Spectroscopy-based Research on Food Inspection Technology, and published over 60 papers in Food Science, Transactions of the Chinese Society for Agricultural Machinery, Instrument Technique and Sensor and other relevant academic periodicals, many of which have been included in EI/ISTP. Also, she won the honorary title of provincial excellent educator and model educator, and was elected a delegation of two municipal Party congresses, as well as a deputy to the District People's Congress for two terms.

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