



<b>姓 名</b>	陈彩蓉	<b>性别</b>	女	
<b>职 称</b>	讲师	<b>系别</b>	电气工程系	
<b>学 位</b>	硕士	<b>电话</b>	02558606585	
<b>E-mail</b>	crchen@njau.edu.cn			
<b>单位地址</b>	南京市浦口区点将台路 40 号	<b>邮编</b>	210031	
<b>研究领域</b>	农业环境监测与控制			
<b>社会兼职</b>				
<b>承担项目</b>	<ol style="list-style-type: none"> <li>1. 农业院校非电类专业电工电子系列课程教学改革研究与实践，南京农业大学</li> <li>2. 基于虚拟仪器的试验机控制系统设计，横向</li> <li>3. 电路理论课程研究型教学理论与实践，农业工程类重点专业建设项目</li> <li>4. 2015 年校级精品资源共享课程建设，南京农业大学</li> <li>5. 智能化母猪养殖系统关键技术研究与应用子课题，江苏省农机三新工程项目</li> </ol>			
<b>学术成果</b>	<p>出版著作：</p> <ol style="list-style-type: none"> <li>1. 普通高等教育“十二五”规划教材：陈彩蓉. 电路与电工技术实验教程，2014,中国水利水电出版社.</li> </ol> <p>近期主要论文：</p> <ol style="list-style-type: none"> <li>1.陈彩蓉. 基于 DS18B20 的温室温度控制系统设计.安徽农业科学,2009(12)</li> <li>2.Hu F, Chen C R. Design of Wireless Water-Saving Irrigation Controller. Advances in mechatronics and control engineering. 2013</li> <li>3.Cairong Chen. Designed of Measurement and Control System for Sling Stretch Test Machine Based on LabVIEW.ICIMA2010</li> <li>4.Zou, Xiuguo; Ding, Weimin; Chen, Cairong. Classification of rice planthopper based on improved gray level co-occurrence matrix and particle swarm algorithm. Transactions of the Chinese Society of Agricultural Engineering,2014(10)</li> <li>5.陈彩蓉. GPS 技术及其在农业中的应用.农业装备技术, 2008(6)</li> <li>6.陈彩蓉. 电路课程教学改革研究与探索.科技视界, 2013</li> <li>7.陈彩蓉. PLC 在车床数控化改造中的应用.微计算机信息,2005(5)</li> </ol>			
<b>奖励荣誉</b>	<p>2010 年获南京农业大学院工学院大中华奖教金优秀教师奖</p> <p>2014 年获“求精”奖教金</p>			

## Teaching staff/ Personal information

<b>Name</b>	Cairong Chen	<b>Gender</b>	Female	
<b>Title</b>	Lecturer	<b>Department</b>	Department of Electrical Engineering	
<b>Degree</b>	M.S.	<b>Telephone</b>	02558606585	
<b>E-mail</b>	crchen@njau.edu.cn			
<b>Unit address</b>	No.40 Dianjiangtai Road, Pukou District, Nanjing , China	<b>Post code</b>	210031	
<b>Research field</b>	Agricultural Environment Monitoring and Control			
<b>Social appointments</b>				
<b>Research projects</b>	<ol style="list-style-type: none"> <li>1. Principle Investigator, Research and Practice on Teaching Reform of Electrical and Electronic Courses for Non - electric Majors in Agricultural Universities</li> <li>2. Design of Testing Machine Control System Based on Virtual Instrument</li> </ol>			
<b>Academic achievements</b>	<ol style="list-style-type: none"> <li>1. Cairong Chen. Design of Greenhouse Temperature Control System Based on DS18B20. Journal of Anhui Agricultural Sciences, 2009(12)</li> <li>2. Hu F, Chen C R. Design of Wireless Water-Saving Irrigation Controller. Advances in mechatronics and control engineering. 2013</li> <li>3. Cairong Chen. Designed of Measurement and Control System for Sling Stretch Test Machine Based on LabVIEW.ICIMA2010</li> <li>4. Zou, Xiuguo; Ding, Weimin; Chen, Cairong. Classification of rice planthopper based on improved gray level co-occurrence matrix and particle swarm algorithm. Transactions of the Chinese Society of Agricultural Engineering,2014(10)</li> <li>5. Cairong Chen. The Application of GPS Technology in Agriculture. Agricultural Equipment &amp; Technology, 2008(6)</li> </ol>			
<b>Reward &amp; honor</b>	<p>2010 Outstanding Teacher Award, College of Engineering, Nanjing Agricultural University</p> <p>2014 ‘Qiu Jing’ Outstanding Teacher Award</p>			