

潘如如 教授

一. 个人简介



潘如如，男，1982年4月生，教授，博士，博士生导师，现任纺织科学与工程学院党委委员，副院长，兼任无锡市织物横档分析检测科技公共服务平台主任。

2010年6月毕业于江南大学纺织工程专业，获工学博士学位，同年留校任教，担任纺织服装学院教师。2011年破格晋升为副教授，硕士生导师。2019年5月至今任江南大学纺织科学与工程学院教授，2020年被聘为博士生导师。现为中国纺织工程学会会员，青年工作委员会副主任。

2015.02-2016.02期间在The University of Texas at Austin研修一年。博士学位论文被评为2011年江苏省优秀博士学位论文，并获得2012年全国优秀博士学位论文提名奖，王善元优秀博士学位论文基金。

主要从事纺织品智能分析技术、纺织品颜色测量与分析、纺织CAD等方面的研究和教学工作，致力于纺织图像自动检测与分析系统的研发，先后在《Textile Research Journal》、《Journal of the Textile Institute》、《Color Research and Application》等国内外权威期刊上发表专业学术论文100多篇，其中SCI检索论文50多篇。拥有软件著作权登记6项，获授权发明专利8件。主持并完成国家自然科学基金面上项目和青年基金、江苏省自然科学基金面上项目、江苏省产学研前瞻性研究项目、教育部霍英东基金、国家博士后基金面上项目、江苏省博士后基金、中央专项基金自主科研基金、江南大学生态纺织教育部重点实验室开放性课题等项目，并作为主要参与人完成国家自然科学基金、江苏省自然科学基金、教育部博士点基金优先支持领域项目、江苏省产学研前瞻性研究项目等。曾获中国纺织工程联合会科技一等奖1项，二等奖1项，中国商业联合会科技进步奖二等奖3次。主持江苏省优秀开放课程《机织工程》，作为章节主讲人参加国家精品资源共享课《机织原理》课程建设，参与教育卓越工程师优秀教材《机织工程》的编写，参加省部级规划教材《织物组织与结构学》教材编写。获国家教学成果二等奖1项，江苏省教学成果特等奖1项，中国纺织工业联合会教学成果特等奖1项，一等奖2项，2019年获荣智权奖教金。

二. 研究生教育

研究生招生方向: 数字化纺织技术; 纺织品图像技术; 现代纺织技术

三. 论文

1. J Wang, K Shi, L Wang, **R Pan**, W Gao. A computer vision system for objective fabric smoothness appearance assessment with an ensemble classifier. *Textile Research Journal*,2020, 90 (3-4), 333-343
2. J Wang, K Shi, L Wang, Z Li, F Sun, **R Pan**, W Gao. Fusing Convolutional Neural Network Features With Hand-Crafted Features for Objective Fabric Smoothness Appearance Assessment. *IEEE Access*,2020, 8, 110678-110692.
3. J Wang, K Shi, L Wang, Z Li, F Sun, **R Pan**, W Gao. Automatic Assessment of Fabric Smoothness Appearance Based on a Compact Convolutional Neural Network With Label Smoothing. *IEEE Access*,2020, 8, 26966-26974
4. J Xiang, T Dong, **R Pan**, W Gao. Clothing Attribute Recognition Based on RCNN Framework Using L-Softmax Loss. *IEEE Access*,2020, 8, 48299-48313.
5. Ning Zhang, **Ruru Pan**, Lei Wang, Yang Wu, Weidong Gao. Pattern design and optimization of yarn-dyed plaid fabric using modified interactive genetic algorithm. *Journal of Textile Institute*, Online: Doi: 00405000.2020.1738617
6. J Wang, J Zhang, L Wang, **R Pan**, J Zhou, W Gao. A computer vision-based system for automatic detection of misarranged color warp yarns in yarn-dyed fabric. Part III: yarn layout proofing. *Journal of Textile Institute*, Online: Doi: 00405000.2020.1738617
7. Ning Zhang, Jun Xiang, Lei Wang, Nian Xiong, Weidong Gao, **Ruru Pan**. Image retrieval of wool fabric. Part II: based on low-level color features. *Textile Research Journal*, 2020,90(7-8):797-808.
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12. J Wang, J Zhou, L Wang, **R Pan**, W Gao. Detection of residual yarn on spinning bobbins based

- on salient region detection. *The Journal of The Textile Institute*,2019, 110 (6), 838-846
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 14. N Zhang, **R Pan**, L Wang, S Wang, J Xiang, W Gao. Automatic seam pucker evaluation using support vector machine classifiers. *International Journal of Clothing Science and Technology*, 2019, 31 (1), 2-15.
 15. J Xiang, N Zhang, **R Pan**, W Gao. Fabric image retrieval system using hierarchical search based on deep convolutional neural network. *IEEE Access*, 2019, 7, 35405-35417.
 16. N Zhang, J Xiang, L Wang, W Gao, **R Pan**. Image retrieval of wool fabric. Part I: Based on low-level texture features, *Textile Research Journal*, 2019, Doi:0040517519829003.
 17. Zhongjian Li, Jun Xiang, Lei Wang, Ning Zhang, Jing-an Wang, **Ruru Pan**, Weidong Gao. J Wang, **R Pan**, W Gao. Measuring the Geometrical Parameters of Slub Yarn Using a Computer Vision Based Image Sequencing Technique. *FIBRES & TEXTILES in Eastern Europe*,2019, 27 (3), 26-35
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 20. Jie Zhang, **Ruru Pan**, Weidong Gao. A backlighting method for accurate inspection of woven fabric density. *Industria Textila*, 2017,68(1):31-37
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35. Bo Zhu, Jianli Liu, **Ruru Pan** *, Shanshan Wang, Weidong Gao, Fabric seam detection based on wavelet transform and CIELAB color space: A comparison, Zhu B, Liu J, Pan R, et al. Fabric seam detection based on wavelet transform and CIELAB color space: A comparison. *Optik - International Journal for Light and Electron Optics*, 2015, 126(24): 5650-5655.
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