

Shuo Wang

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RESEARCH INTERESTS

Computer Vision, Scene Modeling and Analysis, Statistical Machine Learning

RESEARCH EXPERIENCES

- Sep 2009 – Present **National Engineering Laboratory For Video Technology**, Peking University, China
I submitted a journal paper about scene modeling to **TPAMI**.
- Jan 2011 – Jan 2013 **Center for Vision, Cognition, Learning and Art**, University of California, Los Angeles (**UCLA**), U.S.
Advisor: Song-Chun Zhu
My project is scene modeling and I published **two top-level conference papers**.
- Jun 2010 – Sep 2010 Lotus Hill Research Institution, China
I participated in the digital portrait sketch (program lead) and digital paper cut projects.
- Mar 2009 – Jun 2009 **Key Lab of Visual Perception (Zhejiang University), Ministry of Education and Microsoft**, China
I finished the bachelor thesis “Digital Portrait Sketch” and got the **Outstanding Bachelor Thesis Award**.
- Sep 2007 – Jun 2007 **State Key Lab of CAD&CG**, Zhejiang University, China
I participated in the digital painting and digital music fountain projects.

EDUCATION BACKGROUDS

- Sep 2009 – Present **Ph.D. candidate**, Department of Electronic Engineering and Computer Science, **Peking University**, China
Expected graduate date is Dec 2014.
- Sep 2009 – Jul 2009 Bachelor, Department of Computer Science and Technology, **Zhejiang University**, China
GPA 86.5/100, Ranking 3/47

PUBLICATIONS

- Book Chapters J. Joo, **S. Wang** and S.C. Zhu, “Hierarchical Organization by And-Or Tree”, *Oxford Handbook of Perceptual Organization*, eds. J. Wagemans, Springer, 2012.
- Conference Papers **S. Wang**, J. Joo, Y. Wang and S.C. Zhu, “Weakly Supervised Learning for Attribute Localization in Outdoor Scenes”, *IEEE Computer Vision and Pattern Recognition (CVPR)*, USA, 2013.
- S. Wang**, J. Joo, Y. Wang and S.C. Zhu, “Hierarchical Space Tiling (HST) for scene classification and attribute localization”, *Scene Understanding Workshop (SUNw) in CVPR*, USA, 2013.
- S. Wang**, Y. Wang and S.C. Zhu, “Hierarchical Space Tiling in Scene Modeling”, *Asia Conference on Computer Vision (ACCV)*, Korea, 2012.
- J. Joo, **S. Wang** and S.C. Zhu, “Human Attribute Recognition by Rich Appearance Dictionary”, *International Conference on Computer Vision (ICCV)*, Australia, 2013

AWARDS

- 2013 **Chinese National Scholarship**
- 2010 Excellent award in academics for Graduate Student, Peking University
- 2009 **Excellent Graduate Student Award**, Zhejiang University

ACTIVITIES

- 2014 Reviewer of *Machine Vision and Applications*
- 2013 Volunteer of *IEEE International Symposium of Circuits and Systems Conference (ISCAS)*, Beijing, China
- 2009 Volunteer of *1st Sino-USA Summer School in Vision, Learning and Pattern Recognition*, Beijing, China

SKILLS

- Programming Matlab, C/C++
- Language Mandarin and English (IELTS 6.0)