Miao Wang *PhD Candidate*

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Basic Information

Miao Wang is currently a PhD candidate in Computer Science at Tsinghua University, Beijing, working with Prof. Shi-Min Hu. He received his bachelor's degree in Computer Science and Technology from Xidian University in 2011.

Research Interests

Interactive Image and Video Processing, Stereoscopic Video Editing, Sketch-based Image Application, etc.

Education

9/2011–now   PhD Candidate, Dept. of Computer Science and Technology, Tsinghua University, China.

9/2013–2/2014   Joint Ph.d Student, work with Prof. Ralph R. Martin at Cardiff University, UK.

9/2007–7/2011   Bsc, Dept. of Computer Science and Technology, Xidian University, China.

Publications

Miao Wang, Xi-Jin Zhang, Jun-Bang Liang, Song-Hai Zhang and Ralph R. Martin. Comfort-driven Disparity Adjustment for Stereoscopic Video. ***Computational Visual Media 2016 (Oral)***.

Miao Wang, Yu-Kun Lai, Yuan Liang, Ralph R. Martin and Shi-Min Hu. BiggerPicture: Data-driven Image Extrapolation Using Graph Matching. ***ACM Transactions on Graphics***, *vol. 33(6),* ***(SIGGRAPH Asia 2014)***.

Shi-Min Hu, Fang-Lue Zhang, **Miao Wang**, Ralph R. Martin and Jue Wang. PatchNet: A Patch-based Image Representation for Interactive Library-driven Image Editing. ***ACM Transactions on Graphics***, *vol. 32(6),* ***(SIGGRAPH Asia 2013)***.

Fang-Lue Zhang, **Miao Wang** and Shi-Min Hu. Aesthetic Image Enhancement by Dependence-Aware Object Recomposition. ***IEEE Transactions on Multimedia (TMM)***, *2013, 15(7)*.

Academic Activities

Conference reviewer: Pacific Graphics 2015, Computation Visual Media 2013, 2015.

Invited talk: Visual Computing Group of Cardiff University 11/2013.

Oral presentation: SIGGRAPH Asia 2014.

Awards and Honors

2015   Sohu Scholarship.

2010   National Endeavor Fellowship.

2010   Ranked 36th in World Finals of the 34th ACM/ICPC, Harbin, China.

2009   Gold Medal in Asia Regional Contest of the 34th ACM/ICPC, Hefei, China.

2009   Silver Medal in Asia Regional Contest of the 34th ACM/ICPC, Shanghai, China.

2009, 2008   First Class Scholarship, Xidian University.