Nannan Wang

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CONTACT INFORMATION

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EDUCATION

Sep. 2011 to Sep. 2013: Visiting Ph.D. candidate in Intelligent Information Processing. Faculty of Engineering and Information Technology, **University of Technology, Sydney**, Australia.

Sep. 2010 to present: PhD student in Intelligent Information Processing. School of Electronic Engineering, **Xidian University**, China.

Aug. 2009 to Aug. 2010: Master in Signal and Information Processing. School of Electronic Engineering, **Xidian University**, China.

Sep. 2005 to July 2009: Bachelor of Science in Information and Computation Science. Dept. of Applied Mathematics and Physics, **Xi'an University of Posts and Telecommunications**, China.

GRANTS

Jan. 2013: The Fundamental Research Funds for the Central Universities (Project No. K50513100009).

May 2013: Excellent PhD Student Research Funds of Xidian University.

HONORS AND AWARDS

2011: The Second Class in 2011 Science and Technology Award of Advanced University in Shaanxi Province.

2011: Meritorious Award in Academic from the Key Laboratory of Ministry of Education–Intelligent Perception and Image Understanding.

2010: Excellent Award of Honor & Scholarship for PhD. student from Xidian University.

2009: First-class Award of Honor & Scholarship for graduate student from Xidian University.

2009: Graduated from Xi'an University of Posts and Telecommunications (Ranked No. 1 in the department of applied mathematics).

2008: National First Class Scholarship from Ministry of Education.

2008: The First Prize (Ranked No.7 among all competitors) in the Seventh Shaanxi Province University Advanced Mathematics Contest.

2008: First-class Award of Honor & Scholarship from Xian University of Posts and Telecommunications.

2007: The Second Prize in Wangyi Cup University Mathematical Contest in Modeling.

2007: First-class Award of Honor & Scholarship from Xian University of Posts and Telecommunications.

2006: First-class Award of Honor & Scholarship from Xian University of Posts and Telecommunications.

PUBLICATIONS

Journals

Nannan Wang, Dacheng Tao, Xinbo Gao, Xuelong Li, and Jie, Li, "A Comprehensive Survey to Face Hallucination," *International Journal of Computer Vision (IJCV)*, Accepted, 2013.

Nannan Wang, Dacheng Tao, Xinbo Gao, Xuelong Li, and Jie, Li, "Transductive Face Sketch-Photo Synthesis," *IEEE Transactions on Neural Networks and Learning Systems (TNNLS)*, Accepted, vol. 24, no. 9, DOI: 10.1109/TNNLS.2013.2258174, 2013.

Nannan Wang, Jie Li, Dacheng Tao, Xuelong Li, and Xinbo Gao, "Heterogeneous Image Transformation," *Pattern Recognition Letters (PRL)*, vol. 34, no. 1, pp. 77-84, 2013.

Xinbo Gao, **Nannan Wang**, Dacheng Tao, and Xuelong Li, "Face Sketch-Photo Synthesis and Retrieval via Sparse Representation," *IEEE Transactions on Circuits and Systems for Video Technology (TCSVT)*, vol. 22, no. 8, pp. 1213-1226, 2012.

Conferences

Nannan Wang, Xinbo Gao, Dacheng Tao, and Xuelong Li, "Face Sketch-Photo Synthesis via Multi-dictionary Sparse Representation Framework," *Proc. Int'l Conf. Image and Graphics*, pp. 82-87, 2011.

Jiewei Zhang, **Nannan Wang**, Xinbo Gao, Dacheng Tao, and Xuelong Li, "Face Sketch-Photo Synthesis Based on Support Vector Regression," *Proc. IEEE Int'l Conf. Image Processing*, pp. 1149-1152, 2011.

Book Chapters

Xinbo Gao, and **Nannan Wang**, "Heterogeneous Facial Image Synthesis," *Machine Learning and Its Applications: 2013*, Tsinghua Press. (Invited papers, in Chinese)

PATENTS

1 China Patent: Xinbo Gao, **Nannan Wang** et al. Face sketch-photo synthesis based on sparse representation. Authorization code: ZL2010102893309.

2 China Patent: Xinbo Gao, Jiewei Zhang, Jie Li, **Nannan Wang** et al. Face pseudo-photo synthesis based on support vector regression. Authorization code: ZL2011100581754.

PROFESSIONAL ACTIVITIES

Review for **Information Science** (Elsevier) from 2011;

Review for **Neurocomputing**(Elsevier) from 2011;

Review for **Signal Processing** (Elsevier) from 2011;

Review for **Neural Processing Letters** (Springer) from 2012;

Review for **Pattern Analysis and Applications** (Springer) from 2012;

Review for **Computational Statistics & Data Analysis** (Elsevier) from 2012;

Review for **Journal of Visual Communications and Image Representation** from 2013;

Programm Committee Member for **International Conference on Machine Learning and Applications**, Boca Raton, Florida, USA, December, 2012;

Program Committee Member for **IEEE International Conference on Tools with Artificial Intelligence (ICTAI)**, Washington DC, USA, November, 2013;

Review for **International Conference on Pattern Recognition**, Tsukuba, Japan, November, 2012;

Review for **European Conference on Information Retrieval**, Barcelona, Spain, April, 2012;

July 4, 2013