Zhiyu Jiang

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Education

09/2013– present	**Ph.D in Pattern Recognition**, *University of Chinese Academy of Sciences*, Expected 2018.
09/2009– 07/2013	**B.S in electronic engineering**, *Xidian University*.

Research

* Artificial intelligence, machine learning and computer vision.
* Holistic scene understanding, mainly focus on Driver Assistant System and driverless cars.
* Traffic scene understanding, including road detection, semantic parsing, anomaly detection.

Publications

2015.11   Yuan Yuan, **Zhiyu Jiang**, Qi Wang, "Video-based Road Detection via Online Structural Learning," *Neurocomputing*, vol. 168, pp. 336-347, 2015. (SCI) .

2014.07   **Zhiyu Jiang**, Qi Wang, Yuan Yuan, "Adaptive Road Detection towards Multiscale-Multilevel Probabilistic Analysis," *Proc. IEEE China Summit and International Conference on Signal and Information Processing*, pp. 698-702, July 2014. (EI, **Best Paper Award**) .

2015.04   Y. Yuan, Q. Wang, and **Z. Jiang**, "Monocular Vision Based Road Detection Method," 201510076619.5, 2015. (Patent).

Professional Activities

Reviewer:

* Neurocomputing (Elsevier).
* International Conference on Machine learning and Signal Processing (MALSIP2015).
* Journal of Traffic and Transportation Engineering.
* IEEE International Conference on Systems, Man, and Cybernetics(SMC2015).

Reports:

* Adaptive Road Detection towards Multiscale-Multilevel Probabilistic Analysis, *IEEE China Summit and International Conference on Signal and Information Processing,July 2014*, Xi'an.

Awards

2015.09	**Merit Student**, *University of Chinese Academy of Sciences*.
2014.07	**IEEE ChinaSIP 2014 Best Paper Award**, *IEEE International Conference*.
2013.05	**Outstanding Scholarship for College Students**, *University of Chinese Academy of Sciences*.
2011.10	**National Endeavor Fellowship**, *P.R. China*.