

Lin Gu

CONTACT INFORMATION	National ICT Australia Tower A, 7 London Circuit Canberra City, ACT 2601, Australia	<i>Phone:</i> +61(2)62676285 <i>E-mail:</i> Lin.Gu@anu.edu.au
POSITION	PhD Candidate Research School of Engineering, College of Engineering and Computer Science	
RESEARCH INTERESTS	<ul style="list-style-type: none">• Illumination and Reflectance, Hyperspectral Imaging , Atmosphere physics, Shape from Shading, Unmixing Methods• Factor analysis, SVM, Markov Random Fields, GMM	
EDUCATION	<p>2010 - present: PhD Candidate in computer science the Australian National University, Australia</p> <ul style="list-style-type: none">• Thesis Topic: <i>Efficient Estimation of Reflectance Parameters from Imaging Spectroscopy</i>• Advisor: Dr Antonio Robles-Kelly• Area of Study: Computer Vision <p>2005 - 2009: Bachelor of Engineering in Communication and Information Engineering Shanghai University, China</p> <ul style="list-style-type: none">• GPA: 3.5/4.0 Top 7 of 213 students in the Department of Communication Engineering• The Excellent Graduate of Shanghai City	
PUBLICATIONS	<p>L. Gu, A. Robles-Kelly and Jun Zhou. Efficient Estimation of Reflectance Parameters from Imaging Spectroscopy In: <i>IEEE Transaction on Image Processing(TIP)</i> To Appear.</p> <p>L. Gu and A. Robles-Kelly. Shadow Detection via Rayleigh Scattering and Mie Theory. In: <i>Proceedings of the International Conference on Pattern Recognition 2012(ICPR 2012)</i>, Tsukuba, Japan. (Best student paper award)</p> <p>L. Gu, C. P. Huynh, A. Robles-Kelly and J. Zhou. Material-Specific Colour Profiles from Imaging Spectroscopy Data. In: <i>Proceedings of the IEEE International Conference on Computer Vision 2011(ICCVC 2011)</i>, Barcelona, Spain.</p> <p>L. Gu and A. Robles-Kelly. Specularity Removal from Imaging Spectroscopy Data via Entropy Minimisation. In: <i>Proceedings of IEEE Conference on Digital Image Computing and Technology Australia 2011(DICTA 2011)</i> Noosa, Australia. (Oral presentation).</p>	
SCHOLARSHIPS AND HONOURS	<ul style="list-style-type: none">• 2012 International Conference on Pattern Recognition 2012 Best Student Paper Award• 2011 Australian Mathematical Sciences Institute Summer School Scholarship.• 2009 Excellent Graduate of Shanghai City	

- 2008 Excellent Student of Shanghai University
- 2008 Guanghua Scholarship (Only award to 3 out of 213 students in the Department of Communication Engineering in Shanghai University)
- 2008 First Grade scholarship (Only award to top 5% students in Shanghai University)
- 2005 - 2007 Top Grade scholarship (Only award to top 3% students in Shanghai University)

TEACHING

- Sem.2/2012 Tutor of the Introduction to Robotics course, ANU
- Sem.2/2011 Tutor of the Introduction to Robotics course, ANU