

## **2013 Alain Fournier Award for the best Canadian Computer Graphics Dissertation**

This year, Hua Li is the recipient of the Alain Fournier Ph.D. Dissertation Award. Her dissertation, entitled “Perception-Motivated High Quality Stylization”, made several outstanding research contributions to non-photorealistic image stylization.

Her central observation approached image stylization from the angle of priority, where local greedy algorithms are tuned to achieve great results by properly structuring how local operations are ordered and applied. She applied her priority-based approach to automatic halftoning, stippling, and line art, where her algorithms always delivered very beautiful results. In fact, her stippling results are today considered the state-of-the-art. Her work and expertise also extend to image filtering, procedural image synthesis, non-photorealistic rendering, and human-subject evaluations of non-photorealistic images.

Hua completed her B.Eng. in Mining Engineering and her M.Eng. in Control Theory and Control Engineering, both at the University of Science and Technology in Beijing, and her Ph.D. in Computer Science at Carleton under the supervision of Professor David Mould.

She has co-authored a paper at Eurographics, two at Graphics Interface (one of which received the best student paper in graphics), two at NPAR, one at ARTECH (honorable mention), as well as other publications; a number of her contributions appeared as extended versions in journals. She has been a regular reviewer in Graphics Interface and other top computer graphics conferences and journals. She is now a faculty member at the University of North Carolina, Wilmington.

The “Alain Fournier Memorial Fund” was created to celebrate Alain’s life, to commemorate his accomplishments, and to honour his memory. It rewards an exceptional computer graphics Ph.D. dissertation defended in a Canadian University over the previous year. The winning dissertation is selected through a juried process by a selection committee consisting of accomplished researchers in computer graphics.

For more information about the “Alain Fournier Memorial Fund”, and information about donation, please visit <http://www.cs.ubc.ca/~fournier>

### **Previous Award Recipients**

2012 Tyson Brochu  
2011 Gordon Wetzstein  
2010 Stelian Coros  
2009 Tiberiu Popa  
2008 Samuel Hasinoff  
2007 Abhijeet Ghosh  
2006 Celine Latulipe  
2005 Michael P. Neff