

Conferences

- Junhwan Kim, Vladimir Kolmogorov and Ramin Zabih. "Visual Correspondence Using Energy Minimization and Mutual Information", to appear in International Conference on Computer Vision (ICCV), Nice, France, October 2003.
- Yuri Boykov and Vladimir Kolmogorov. "Computing Geodesics and Minimal Surfaces via Graph Cuts", to appear in International Conference on Computer Vision (ICCV), Nice, France, October 2003.
- Vladimir Kolmogorov, Ramin Zabih. "Multi-camera Scene Reconstruction via Graph Cuts", European Conference on Computer Vision (ECCV), Copenhagen, Denmark, May 2002 (best paper award).
- Vladimir Kolmogorov, Ramin Zabih. "What Energy Functions can be Minimized via Graph Cuts?", European Conference on Computer Vision (ECCV), Copenhagen, Denmark, May 2002 (best paper award).
- Vladimir Kolmogorov, Ramin Zabih. "Computing Visual Correspondence with Occlusions using Graph Cuts", International Conference on Computer Vision (ICCV), Vancouver, Canada, July 2001.

Workshops

- Vladimir Kolmogorov, Ramin Zabih and Steven Gortler. "Generalized Multi-camera Scene Reconstruction using Graph Cuts", to appear in Fourth International Workshop on Energy Minimization Methods in Computer Vision and Pattern Recognition (EMMCVPR), Lisbon, Portugal, July 2003.
- Yuri Boykov, Vladimir Kolmogorov. "An Experimental Comparison of Min-Cut/Max-Flow Algorithms for Energy Minimization in Computer Vision", Third International Workshop on Energy Minimization Methods in Computer Vision and Pattern Recognition (EMMCVPR), Sophia-Antipolis, France, LNCS 2134, p. 359, Springer, September 2001.

Submitted

- Yuri Boykov, Vladimir Kolmogorov. "An Experimental Comparison of Min-Cut/Max-Flow Algorithms for Energy Minimization in Vision", submitted to IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI).

Medical Imaging

- Vladimir N Kolmogorov, Yi Wang, Richard Watts, Martin R Prince, Ramin Zabih. "An efficient navigator algorithm: Simultaneous Multiple Volume (SMV)", Proc. of International Society for Magnetic Resonance in Medicine, 2002.
- Kolmogorov NK, Watts R, Prince MR, Zabih R, Wang Y. "Motion organized simultaneous acquisition with interactive control (MOSAIC) algorithm for efficient motion suppression", Radiology 211(P), 221, 2001.

Awards

- Best Paper Award at the European Conference on Computer Vision, 2002.
- Soros Grant, 1995.
- Second Degree Diploma at the Russian National Olympiad in Physics, 1994.
- Second Degree Diploma at the Russian National Olympiad in Physics, 1993.
- Fourth Degree Diploma at the Russian National Olympiad in Physics, 1993.

Professional activities

Reviewer for:

- International Conference on Computer Vision, 2001.
- Conference on Computer Vision and Pattern Recognition, 2001.
- Third International Workshop on Energy Minimization Methods in Computer Vision and Pattern Recognition, 2001.
- IEEE Transactions on Pattern Analysis and Machine Intelligence.
- International Journal of Computer Vision.

References

- Prof. Ramin Zabih, Cornell University, 607-255-8413, rdz@cs.cornell.edu
- Dr. Yuri Boykov, Siemens Corporate Research, 609-734-3623, yuri@scr.siemens.com
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- Dr. Olga Veksler, NEC Research Institute, 609-951-2776, olga@nec-labs.com
- Prof. Steven Gortler, Harvard University, 617-495-3751, sjg@cs.harvard.edu
- Prof. Eva Tardos, Cornell University, 607-255-0984, eva@cs.cornell.edu