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- Publications** M. J. Broxton, A. V. Nefian, Z. Moratto, T. Kim, M. Lundy, and A. V. Segal. **3D Lunar Terrain Reconstruction from Apollo Images**. In *Proceedings of the 5th International Symposium on Visual Computing*. Las Vegas, NV. 2009.
- T. Kim, A. V. Nefian, and M. Broxton. **Photometric Recovery of Ortho-images Derived from Apollo 15 Metric Camera Imagery**. In *Proceedings of 5th International Symposium on Visual Computing*. 2009.
- A. Nefian, K. Husmann, M. Broxton, V. To, M. Lundy, M. Hancher. **A Bayesian Formulation for Sub-pixel Refinement in Stereo Orbital Imagery**. in *Proceedings of the 2009 IEEE International Conference on Image Processing*. 2009.
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- M. Bualat, L. Edwards, T. Fong, M. Broxton, L. Fleckiger, C. Kunz, S. Y. Lee, E. Park, V. To, H. Utz, V. Verma, M. MacMahon. **Autonomous Robotic Inspection for Lunar Surface Operations**, *Field and Service Robotics*, Volume 42/2008, pp. 169-178. 2008.
- L. Edwards and M. Broxton, **Automated 3D Surface Reconstruction from Orbital Imagery**, In *Proceedings of AIAA Space 2006*, San Jose, California, September 2006.
- M. Broxton, J. Lifton, and J. Paradiso. **Localization on the Pushpin Computing Sensor Network Using Spectral Graph Drawing and Mesh Relaxation..** *ACM Mobile Computing and Communications Review*, Volume 10, Issue 1. pp. 1 - 12. January 2006.
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- J. Lifton, D. Seetharam, M. Broxton, and J. Paradiso. **Pushpin Computing System Overview: A Platform for Distributed, Embedded, Ubiquitous Sensor Networks**. In *Proceedings of the First International Conference on Pervasive Computing*. pp: 139 - 151. 2002.

M. Gardner, M. Broxton, A. Engelhart, and W. Feng. **MUSE: A Software Oscilloscope for Clusters and Grids**. In *17th IEEE International Parallel and Distributed Processing Symposium (IPDPS 2003)*, Nice, France, April 2003.

M. J. Broxton, S. Backhaus, C.N. Ammerman, and R.A. Martin. **Simulation of an Acoustic Helmholtz Resonator using Computational Fluid Dynamics**. In *Proceedings of the American Society of Mechanical Engineers 2000 Fluids Engineering Division Summer Meeting*, Boston, Massachusetts, 2000.

Talks & Presentations **The Geospatial Data Revolution: Making Processed Lunar Data Universally and Easily Accessible**. Invited presentation given at the International Space University. 2009.

Automated Stereo Reconstruction of Apollo 15 Metric Camera Image Pairs. Presented at the *NASA Lunar Science Forum*. 2009.

The NASA Vision Workbench: Reflections on Image Processing in C++. Presented at Willow Garage. 2009.

Digital Techniques for Imaging & the Development of Lunar DEMs. Invited presentation given at the *Go for Lunar Landing* conference in Tempe, AZ. 2008.