























- [Aiger08] D. Aiger, N. Mitra and D. Cohen-Or. 4-points congruent sets for robust pairwise surface registration. In *SIGGRAPH*, /#85, 1-10, 2008.
- [Amenta98] N. Amenta, M. Bern and M. Kamvysselis. A new Voronoi-based surface reconstruction algorithm. In *SIGGRAPH*, p. 415-421, 1998.
- [Boavida09] J. Boavida, A. Oliveira and A. Berberan, Dam monitoring using combined terrestrial imaging systems, In *Civil Engineering Surveyor*, December/January, p. 33-38, 2009.
- [Borgeat05] L. Borgeat, G. Godin, F. Blais, P. Massicotte and C. Lahanier. GoLD: Interactive display of huge colored and textured models. In *SIGGRAPH*, p. 869-877, 2005.
- [Cignoni03] P. Cignoni, C. Rocchini, C. Montani and R. Scopigno. External Memory Management and Simplification of Huge Meshes. In *IEEE Transactions on Visualization and Computer Graphics*. 9(4) p. 525-53, 2003.
- [Cignoni08] P. Cignoni, M. Callieri, M. Corsini, M. Dellepiane, F. Ganovelli and G. Ranzuglia. MeshLab: an Open-Source Mesh Processing Tool. In *Sixth Eurographics Italian Chapter Conference*, p. 129-136, 2008.
- [Curless96] B. Curless and M. Levoy. A Volumetric Method For Building Complex Models From Range Images. In *SIGGRAPH*, p.303-312. 1996.
- [Davis02] J. Davis, S. Marschner, M. Garr, and M. Levoy. Filling holes in complex surfaces using volumetric diffusion. In *First International Symposium on 3D Data Processing, Visualization, Transmission*, 2002.
- [Garland97] M. Garland and P. Heckbert, Surface Simplification Using Quadric Error Metrics. In *SIGGRAPH*, p. 209-216, 1997.
- [Gobbetti05] E. Gobbetti and F. Marton, Far Voxels - A Multiresolution Framework for Interactive Rendering of Huge Complex 3D Models on Commodity Graphics Platforms. In *SIGGRAPH*. p. 878-885, 2005.
- [IEC08] International Electrotechnical Commission. International Standard IEC 60825-1 CORR1, *Safety of laser products*, 1<sup>st</sup> August 2008. <[http://www.iec-normen.de/previewpdf/info\\_iec\\_iec60825-1%7Bed1.2%7Den.pdf](http://www.iec-normen.de/previewpdf/info_iec_iec60825-1%7Bed1.2%7Den.pdf)>.
- [ISPRS09] International Society for Photogrammetry and Remote Sensing, *Commission V - "Close-Range Sensing: Analysis and Applications"*, Working group V/3: "Terrestrial laser scanning and 3D imaging", <<http://www.commission5.isprs.org/wg3/>>.
- [Large09] A.R.G. Large, G.L.Heritage and M.E.Charlton. Laser Scanning: The Future. In: *Laser Scanning for the Environmental Sciences*, (ed. G. L. Heritage and A.R.G. Large). Blackwell Publishing Ltd, p. 262-271.
- [Levoy00] M. Levoy, K. Pulli, B. Curless, S. Rusinkiewicz, D. Koller, L. Pereira, M. Ginzton, S. Anderson, J. Davis, J. Ginsberg, J. Shade, and Duane Fulk. The Digital Michelangelo Project: 3D Scanning of Large Statues. In *SIGGRAPH*, p. 131-144. 2000.
- [Luhmann08] T. Luhmann, S. Robson, S. Kyle and I. Harley. Close Range Photogrammetry. Principles, Methods and Applications. Whittles Publishing.
- [Oliveira09] A. Oliveira, J. Boavida, L. Cortesão and S. Gomes. Laser Scanning aplicado ao levantamento do património edificado - o caso de estudo do Palácio de Monserrate. In *Revista Arte & Construção*, June, p. 44-48, 2009.
- [Oliveira02] J. F. Oliveira, and A. Steed. Determining orientation of Laser scanned surfaces. In *SIACG*, p. 281-288, 2002.
- [Pfeiffer07] N. Pfeiffer and C. Briese. Geometrical Aspects of Airborne and Terrestrial Laser Scanning. In *International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences*, vol. 36, part 3/W52, Espoo, Finland, September 12-14, 2007.
- [Rusinkiewicz00] S. Rusinkiewicz, and M. Levoy. QSplat: A Multiresolution Point Rendering System for Large Meshes. In *SIGGRAPH*, p. 343-352, 2000.
- [Rusinkiewicz01] S. Rusinkiewicz, M. Levoy. Efficient variants of the ICP algorithm. In: *3-D Digital Imaging and Modeling*, Stanford Univ., CA, 2001.
- [Schroeder06] W. Schroeder, K. Martin and B. Lorensen. The Visualization Toolkit An Object-Oriented Approach To 3D Graphics, 4th Edition. ISBN 1-930934-19-X. Kitware, Inc. publishers. 2006.
- [Taubin96] G. Taubin, T.Zhang, and G. Golub. Optimal Surface Smoothing as Filter Design. IBM tech report RC-20404 (#90237), 1996.
- [Thies04] M. Thies, H. Spiecker. Evaluation and future prospects of terrestrial laser scanning for standardized forest inventories. In: M. Thies; B. Koch; H. Spiecker and H. Weinacker(eds.): *Laser Scanners for Forest and Landscape Assessment*. In *Proceedings of NATSCAN Conference on Laser Scanners for Forest and Landscape Assessment. International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences*, Vol.XXXVI,Part 8W2:p192-7, 2004.
- [Wand07a] M. Wand, A. Berner, M. Bokeloh, A. Fleck, M. Hoffmann, P. Jenke et al. The XGRT system, 2007. Open source at: <<http://www.gris.uni-tuebingen.de/xgirt/>>
- [Wand07b] M. Wand, A. Berner, M. Bokeloh, A. Fleck, M. Hoffmann, P. Jenke, B. Maier, D. Staneker and A. Schilling, Interactive Editing of Large Point Clouds. In *Proceedings Symposium on Point-Based Graphics*, 2007.