

POORAN MEMARI'S PUBLICATIONS

- *Pair Correlation Functions with Free-Form Boundaries for Distribution Inpainting and Decomposition*, Baptiste Nicolet, Pierre Ecornier-Nocca, Pooran Memari, Marie-Paule Cani. Eurographics 2020 short paper.
- *Provably Consistent Distributed Delaunay Triangulation*, Mathieu Brédif, Laurent Caraffa, Murat Yirci, Pooran Memari. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 2020.
- *Tile & Merge: Distributed Delaunay Triangulations for Cloud Computing*, Laurent Caraffa, Mathieu Brédif, Murat Yirci, Pooran Memari. IEEE BigData 2019 short paper.
- *Connectivity-preserving Smooth Surface Filling with Sharp Features*, Thibault Lescoat, Pooran Memari, Jean-Marc Thiery, Maks Ovsjanikov, Tamy Boubekeur. Pacific Graphics 2019 short paper.
- *Image-based Authoring of Herd Animations*, Pierre Ecornier-Nocca, Julien Pettré, Pooran Memari, Marie-Paule Cani. Computer Animation and Virtual Worlds, Wiley, In press, pp.1-11, 2019.
- *Accurate synthesis of multi-class disk distributions*, Pierre Ecornier-Nocca, Pooran Memari, James Gain, Marie-Paule Cani. Computer Graphics Forum, Wiley, 2019, 38 (2), Proceedings of Eurographics 2019.
- *Layered reconstruction of stippling art*, Amal Dev Parakkat, Pooran Memari, Marie-Paule Cani. ACM SIGGRAPH 2019 Poster.
- *Mean value coordinates for quad cages in 3D*, Jean-Marc Thiery, Pooran Memari, Tamy Boubekeur. ACM Transactions on Graphics - Proc. SIGGRAPH Asia 2018.
- *A survey on data-driven dictionary-based methods for 3D modeling*, Thibault Lescoat, Maks Ovsjanikov, Pooran Memari, Jean-Marc Thiery, Tamy Boubekeur. Computer Graphics Forum, Vol. 37, No. 2, pp. 577-601, (Eurographics 2018 STARS).
- *Generalized Barycentric Coordinates in Computer Graphics and Computational Mechanics*, Chapter 9: Generalized triangulations, Pooran Memari. Editors: Kai Hormann, N. Sukumar, CRC Press/Taylor & Francis Group, Pages 147-156, 2017.
- *Conformal Factor Persistence for Fast Hierarchical Cone Extraction*, Ana Vintescu, Florent Dupont, Guillaume Lavoué, Pooran Memari, Julien Tierny. Proceedings of Eurographics 2017 short papers.
- *Least Squares Affine Transitions for Global Parameterization*, Ana Vintescu, Florent Dupont, Guillaume Lavoué, Pooran Memari, Julien Tierny. Proceedings of 25th International Conference in Central Europe on Computer Graphics, Visualization and Computer Vision 2017.
- *Weighted triangulations for geometry processing*, Fernando de Goes, Pooran Memari, Patrick Mullen, Mathieu Desbrun. ACM Transactions on Graphics (TOG) 33.3 (2014): 28. (Presented at Siggraph 2014)
- *Geometric Tomography with Topological Guarantees*, Omid Amini, Jean-Daniel Boissonnat, Pooran Memari. Journal: Discrete & Computational Geometry, 50.4 (2013): Pages 821-856, Springer.

- *Geometric Aspects of the Space of Triangulations*,
 Pooran Memari.
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 Pages 141-150, 013.
- *Hodge-optimized triangulations*,
 Patrick Mullen, Pooran Memari, Fernando de Goes, Mathieu Desbrun.
 ACM Transactions on Graphics (TOG), Proceedings of Siggraph, volume 30, Pages 103-114. ACM, 2011.
- *Parameterization of Generalized Primal-Dual Triangulations*,
 Pooran Memari, Patrick Mullen, Mathieu Desbrun.
 Proceedings of International Meshing Roundtable, 2011.
- PhD Thesis *Geometric Tomography With Topological Guarantees*,
 Pooran Memari.
 INRIA Sophia-Antipolis, University of Nice-Sophia Antipolis, 2010.
- *Provably Good 2D Shape Reconstruction from Unorganized Cross Sections* ,
 Pooran Memari, Jean-Daniel Boissonnat.
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- *Shape Reconstruction From Unorganized Cross Sections*,
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