

## PUBLICATIONS DE POORAN MEMARI

- *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.
- *A survey on data-driven dictionary-based methods for 3D modeling*, Thibault Lescoat, Maks Ovsjanikov, Pooran Memari, Jean-Marc Thiery, Tamy Boubekeur. Conditionally accepted to the Eurographics 2018 STARS.
- *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. Actes des rencontres du CIRM, 3 no. 1: Courbure discrète : théorie et applications (2013), 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.
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- *Shape Reconstruction From Unorganized Cross Sections*, Jean-Daniel Boissonnat, Pooran Memari. Symposium on Geometry Processing (SGP), 2007.

## PREPRINTS

- *Consistent Tile & Merge Distributed Delaunay Triangulations*, Murat Yirci, Laurent Caraffa, Pooran Memari, Mathieu Brédif. Preprint 2017
- *Approximating Fisher Delaunay Triangulations*, Pooran Memari, Jean-Daniel Boissonnat. Preprint under revision