

Omri Azencot

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EDUCATION

- 2017 **Ph.D., Technion – Israel Institute of Technology**
Department of Computer Science
Advisor: Asst. Prof. Mirela Ben-Chen
Thesis: Operator Representations in Geometry Processing
- 2010 **B.Sc., Technion – Israel Institute of Technology**
Department of Computer Science
Majors: Mathematics and Computer Science

RESEARCH EXPERIENCE

- 2017–present **Department of Mathematics, UCLA**
Assistant Adjunct Professor, Program In Computing (PIC) Instructor
- 2011–2017 **Center for Graphics and Geometric Computing (CGGC), Technion**
Research Assistant working on geometry processing and numerical simulation projects

PUBLICATIONS

- Consistent Functional Cross Field Design for Mesh Quadrangulation.* O. Azencot, E. Corman, M. Ben-Chen and M. Ovsjanikov. *ACM Transactions on Graphics (Proc. SIGGRAPH)*, 2017
- Functional Thin Films on Surfaces.* O. Vantzos, O. Azencot, M. Wardetzky, M. Rumpf and M. Ben-Chen. *IEEE Transactions on Visualization and Computer Graphics (TVCG)*, 2016
- Advection-based Function Matching on Surfaces.* O. Azencot, O. Vantzos and M. Ben-Chen. *Computer Graphics Forum (Proc. SGP)*, 2016
- Functional Thin Films on Surfaces.* O. Azencot, O. Vantzos, M. Wardetzky, M. Rumpf and M. Ben-Chen. *Proc. ACM SIGGRAPH/Eurographics SCA*, 2015. **Best paper award (one of three)**
- Discrete Derivatives of Vector Fields on Surfaces – An Operator Approach.* O. Azencot, M. Ovsjanikov, F. Chazal and M. Ben-Chen. *ACM Transactions on Graphics*, 2015
- Functional Fluids on Surfaces.* O. Azencot*, S. Weißmann*, M. Ovsjanikov, M. Wardetzky and M. Ben-Chen (* Equal contribution). *Computer Graphics Forum (Proc. SGP)*, 2014
- An Operator Approach to Tangent Vector Field Processing.* O. Azencot, M. Ben-Chen, F. Chazal and M. Ovsjanikov. *Computer Graphics Forum (Proc. SGP)*, 2013
- Map-Based Exploration of Intrinsic Shape Differences and Variability.* R. M. Rustamov, M. Ovsjanikov, O. Azencot, M. Ben-Chen, F. Chazal and L. Guibas. *ACM Transactions on Graphics (Proc. SIGGRAPH)*, 2013

PROFESSIONAL SERVICE

- Program Committee:* Symposium on Geometry Processing 2018, Shape Modeling International 2018
Reviewer: SIGGRAPH 2018, SIGGRAPH Asia 2017, Pacific Graphics 2017, SIGGRAPH 2016, Eurographics 2016.

GRANTS & AWARDS

- 2018 **Marie Skłodowska-Curie Actions Individual Fellowship (€263K)**
Project 793800 – GlnQuadRemeshing (Quad Remeshing via the Ginzburg–Landau Potential)
- 2017 Israeli Ministry of Science and Technology International Travel Grant
Excellence Scholarship from the Faculty of Computer Science, Technion
Zuckerman Postdoctoral Fellowship of The Zuckerman STEM Leadership Program
Marie Skłodowska-Curie Actions Seal of Excellence
Adams Conference Poster Competition Prize, 2nd place
- 2016 Excellence Scholarship from the Faculty of Computer Science, Technion
Prof. Rahamimoff Travel Grant of the US-Israel Binational Science Foundation (BSF)
- 2015 Excellence Scholarship from the Faculty of Computer Science, Technion
Adams Fellowship Program of the Israel Academy of Sciences and Humanities
- 2014 Jacobs–Qualcomm Fellowship
TCE Research Prize for Students
Faculty Research Day Poster Competition Prize, 2nd place
- 2013 Excellence Scholarship from the Faculty of Computer Science, Technion

TEACHING EXPERIENCE

- Lecturer**, UCLA, Principles of Java Language with Applications, PIC 20A, Winter 2018
- Lecturer**, UCLA, Introduction to Programming, PIC 10A, Winter 2018
- Lecturer**, UCLA, Introduction to Programming, PIC 10A, Fall 2017
- Teaching Assistant**, Technion, Vector Field Analysis on Surfaces, Spring 2017, Winter 2015
- Teaching Assistant**, Technion, Digital Geometry Processing, Winter 2016, Spring 2015
- Teaching Assistant**, Technion, Computer Graphics, Spring 2016, Winter 2014
- Teaching Assistant**, Technion, Image Synthesis, Winter 2013
- Teaching Assistant in charge**, Technion, Operating Systems, Winter 2012, Spring 2013/2014
- Teaching Assistant**, Technion, Operating Systems, Spring 2012
- Teaching Assistant**, Technion, Introduction to Computer Science M, Winter 2011

WORK EXPERIENCE

- Computer Graphics Lab, ETH**, Software Intern, February–March, 2013
Developed and Implemented a gaze correction Skype plugin designed for video conferencing