

Or Litany

CONTACT INFORMATION	Assistant Professor, Technion and Senior Research Scientist, NVIDIA.	<i>E-mail:</i> orlitany at gmail dot com <i>Homepage:</i> https://orlitany.github.io <i>Google Scholar:</i> link
RESEARCH INTERESTS	AI for Generative and Perception tasks in 3D Computer Vision and Graphics.	
EDUCATION	Tel Aviv University , Tel Aviv, Israel Ph.D., Electrical Engineering, October 2018 Advisor: Prof. Alex M. Bronstein	
	Tel Aviv University , Tel Aviv, Israel M.Sc., Electrical Engineering, August 2012	
	Hebrew University , Jerusalem, Israel B.Sc., Physics and Mathematics, August 2005	
ACADEMIC APPOINTMENTS	Technion - Israel Institute of Technology , Assistant Professor	September 2023 - Present
	Stanford University , CA, USA Postdoctoral Researcher Advisor: Prof. Leonidas Guibas	September 2019 - August 2020
	Facebook AI Research , CA, USA Postdoctoral Researcher Hosts: Prof. Leonidas Guibas and Prof. Jitendra Malik	September 2018 - September 2019
	Technion , Haifa, Israel Postdoctoral Researcher Advisor: Prof. Alex Bronstein	April 2018 - August 2018
	Technische Universität München , Munich, Germany Visiting Scholar Working on 3D shape analysis; Host: Prof. Daniel Cremers	March - May 2016, and April 2017
	Duke University , North Carolina, USA Visiting Scholar Working on Computational Photography; Host: Prof. Guillermo Sapiro	November 2014

HONORS AND AWARDS	ICCV Outstanding reviewer, 2023 ICML Outstanding Paper Award (2 of 4,990 submissions), 2020 ICCV Best Paper Nomination (11 of 4,300 submissions), 2019 ICLR LLD workshop Best Paper Award, 2019 Elsevier Outstanding Reviewer, 2017 SGP Best Paper Award, 2016 Microsoft Research top talent intern, 2016 Weinstein prize for graduate studies, 2015 Tel Aviv University: graduated Magna Cum Laude, 2012
FELLOWSHIPS AND GRANTS	Meta academic gift, 2026 Israel Science Foundation (ISF) Personal Research Grant, 2025 Israel Science Foundation (ISF) New-Faculty Equipment Grant, 2025 Jacobs Technion-Cornell Institute Faculty Exchange Travel Grant, 2025 Meta academic gift, 2023 Azrieli Early Career Faculty Fellowship, 2023 Taub Fellowship, 2023 MISTI MIT Israel Zuckerman STEM Fund, 2023 German Academic Exchange Service (DAAD) research grant, 2016 Google travel grant, 2014 European Laboratory for Learning and Intelligent Systems (ELLIS) Scholar
PUBLICATIONS	“Appreciate the View: A Task-Aware Evaluation Framework for Novel View Synthesis”, S.Stern, I.Sobol, <u>O.Litany</u> , 3DV 2026. “Gaussian See, Gaussian Do: Semantic 3D Motion Transfer from Multiview Video”, Y.Bekor, G.Harari, O.Perel, <u>O.Litany</u> , SIGGRAPH-ASIA 2025. “A Lesson in Splats: Teacher-Guided Diffusion for 3D Gaussian Splats Generation with 2D Supervision”, C.Peng, I.Sobol, M.Tomizuka, K.Keutzer, C.Xu, <u>O.Litany</u> , ICCV 2025. “MonSTeR : a Unified Model for Motion, Scene, Text Retrieval”, L.Collarone, M.Gioia, M.Pappa, P.Leoni, G.Ficarra, <u>O.Litany</u> , I.Spinelli, F.Galasso, ICCV 2025. “FRIDU: Functional Map Refinement with Guided Image Diffusion”, A. Cohen-Rimon, M.Ben-Chen, <u>O.Litany</u> , SGP 2025. “Epi-NAF: Enhancing Neural Attenuation Fields for Limited-Angle CT with Epipolar Consistency Conditions”, D.Gilo, T.Klinghoffer, <u>O.Litany</u> , ISBI 2025 <u>Oral</u> . “Zero-to-Hero: Enhancing Zero-Shot Novel View Synthesis via Attention Map Filtering”, I.Sobol, C.Xu, <u>O.Litany</u> , NeurIPS 2024. “OmniRe: Omni Urban Scene Reconstruction”, Multiple authors including <u>O.Litany</u> , ICLR 2024 <u>Spotlight</u> .

- “Robust Symmetry Detection via Riemannian Langevin Dynamics”, Multiple authors including O.Litany, SIGGRAPH-ASIA, 2024.
- “The NeRFect Match: Exploring NeRF Features for Visual Localization”, Q.Zhou, M.Maximov, O.Litany, L.Leal-Taix, ECCV 2024.
- “3DiffTection: 3D Object Detection with Geometry-Aware Diffusion Features”, C.Xu, H.Ling, S.Fidler, O.Litany, CVPR 2024.
- “Dynamic LiDAR Re-simulation using Compositional Neural Fields”, H.Wu, X.Zuo, S.Leutenegger, O.Litany, K.Schindler, S.Huang, CVPR 2024.
- “UnScene3D: Unsupervised 3D Instance Segmentation for Indoor Scenes”, D.Rozenberszki, O.Litany, A.Dai, CVPR 2024.
- “Approximately Piecewise E(3) Equivariant Point Networks”, M.Atzmon, J.Huang, F.Williams, O.Litany, ICLR 2024.
- “EmerNeRF: Emergent Spatial-Temporal Scene Decomposition via Self-Supervision”, J.Yang, B.Ivanovic, O.Litany, X.Weng, S.Kim, B.Li, T.Che, D.Xu, S.Fidler, M.Pavone, Y.Wang, ICLR 2024.
- “Multi-Track Timeline Control for Text-Driven 3D Human Motion Generation”, M.Petrovich, O.Litany, U.Iqbal, MJ.Black, G.Varol, XB.Peng, D.Rempe, arXiv 2024.
- “Semi-Supervised Semantic Segmentation via Marginal Contextual Information”, M.Kimhi, S.Kimhi, E.Zheltonozhskii, O.Litany, Chaim Baskin, TMLR 2024.
- “Neural LiDAR Fields for Novel View Synthesis”, S.Huang, Z.Gojcic, Z.Wang, F.Williams, Y.Kasten, S.Fidler, K.Schindler, O.Litany, ICCV 2023.
- “Towards Viewpoint Robustness in Birds Eye View Segmentation”, T.Klinghoffer, J.Philion, W.Chen, O.Litany, Z.Gojcic, J.Joo, R.Raskar, S.Fidler, J.Alvarez, ICCV 2023.
- “Trace and Pace: Controllable Pedestrian Animation via Guided Trajectory Diffusion”, D.Rempe, Z.Luo, X.Peng, Y.Yuan, K.Kitani, K.Kreis, S.Fidler, O.Litany. CVPR 2023
- “Neural Kernel Surface Reconstruction”, J.Huang, Z.Gojcic, M.Atzmon, O.Litany, S.Fidler, F.Williams”. CVPR 2023
- “Fast Monocular Scene Reconstruction with Global-Sparse Local-Dense Grids”, W.Dong, C.Choi, C.Loop, Y.Zhu, O.Litany, A.Anandkumar. CVPR 2023.
- “Mask3D for 3D Semantic Instance Segmentation”, J.Schult, F.Engelmann, A.Hermans, O.Litany, S.Tang, B.Leibe. ICRA 2023
- “GET3D: A Generative Model of High Quality 3D Textured Shapes Learned from Images”, J.Gao, T.Shen, Z.Wang, W.Chen, K.Yin, D.Li, O.Litany, Z.Gojcic, S.Fidler. NeurIPS 2022
- “LION: Latent Point Diffusion Models for 3D Shape Generation”, X.Zeng, A.Vahdat, F.Williams, Z.Gojcic, O.Litany, S.Fidler, K.Kreis. NeurIPS 2022
- “Language-Grounded Indoor 3D Semantic Segmentation in the Wild”, D.Rozenberszki, O.Litany, A.Dai. ECCV 2022

“MVDECOR: Multi-view Dense Correspondence Learning for Fine-grained 3D Segmentation”, G.Sharma, K.Yin, S.Maji, E.Kalogerakis, O.Litany, Sanja Fidler. ECCV 2022

“Learning Smooth Neural Functions via Lipschitz Regularization”, D.Liu, F.Williams, A.Jacobson, S.Fidler, O.Litany. SIGGRAPH 2022.

“Neural Fields as Learnable Kernels for 3D Reconstruction”, Francis Williams*, Zan Gojcic*, Sameh Khamis, Denis Zorin, Joan Bruna, Sanja Fidler, O.Litany. CVPR 2022

“Generating Useful Accident-Prone Driving Scenarios via a Learned Traffic Prior”, Davis Rempe, Jonah Phlion, Leonidas Guibas, Sanja Fidler, O.Litany. CVPR 2022.

“Federated Learning with Heterogeneous Architectures using Graph HyperNetworks”, O.Litany, Haggai Maron, David Acuna, Jan Kautz, Gal Chechik, Sanja Fidler. arXiv 2022.

“Neural Fields in Visual Computing and Beyond”, Yiheng Xie, Towaki Takikawa, Shunsuke Saito, O.Litany, Shiqin Yan, Numair Khan, Federico Tombari, James Tompkin, Vincent Sitzmann, Srinath Sridhar, EUROGRAPHICS State-of-the-art report (STAR) 2022.

“Spectral Unions of Partial Deformable 3D Shapes”, L.Moschella, S.Melzi, L.Cosmo, F.Maggioli, O.Litany, M.Ovsjanikov, L.Guibas, E.Rodolà. Eurographics 2022.

“Contrast to Divide: Self-Supervised Pre-Training for Learning with Noisy Labels”, E.Zheltonozhskii, C.Baskin, A.Mendelson, A.M.Bronstein, O.Litany, WACV 2022.

“Mix3D: Out of Context Data Augmentation by Mixing 3D Scenes”, A.Nekrasov, J.Schult, O.Litany, F.Engelmann, B.Leibe. 3DV 2021 Oral presentation, 1st place on ScanNet benchmark.

“DIB-R++: Learning to Disentangle Material from Lighting Using a Deferred Image-based Renderer”, W.Chen, J.Litalien, J.Gao, Z.Wang, C.F.Tsang, S.Khamis, O.Litany, S.Fidler, NeurIPS 2021.

“Causal scene BERT: Improving object detection by searching for challenging groups”, C.Resnick*, O.Litany*, A.Kar*, K.Kreis, J.Lucas, K.Cho, S.Fidler, AVVision2021 workshop at ICCV 2021.

“Vector Neurons: A General Framework for SO (3)-Equivariant Networks”, C.Deng, O.Litany, Y.Duan, A.Poulenard, A. Tagliasacchi, L.Guibas, ICCV 2021. Oral presentation

“3DIoUMatch: Leveraging IoU Prediction for Semi-Supervised 3D Object Detection”, H.Wang*, Y.Cong*, O.Litany, Y.Gao, L.Guibas, CVPR 2021.

“Weakly Supervised Learning of Rigid 3D Scene Flow”, Zan Gojcic, O.Litany, Andreas Wieser, Leonidas J. Guibas, Tolga Birdal, CVPR 2021. Oral presentation

“ReLMoGen: Integrating Reinforcement Learning and Motion Generation for Interactive Navigation”, F.Xia, C.Li, R.M.Martin, A.Toshev, O.Litany, S.Savarese., ICRA 2021.

“Human 3D keypoints via spatial uncertainty modeling”, F.Williams, O.Litany, A.Sud, K.Swersky, A.Tagliasacchi1. (arXiv).

“Learned Equivariant Rendering without Transformation Supervision”, C.Resnick, O.Litany, H.Larochelle, J.Bruna, K.Cho, Neurips 2020 workshop on Differentiable Computer Vision, Graphics, and Physics in ML.

“Representation Learning Through Latent Canonicalizations”, O.Litany, A.Morcos, S.Sridhar, L.Guibas, J.Hoffman, WACV 2021.

“Continuous Geodesic Convolutions for Learning on 3D Shapes”, Z.Yang, O.Litany, T.Birdal, S.Sridhar, L.Guibas, WACV 2021.

“PointContrast: Unsupervised Pretraining for 3D Point Cloud Understanding”, S.Xie, J.Gu, D.Guo, C.Qi, L.Guibas, O.Litany, ECCV 2020. Spotlight

“Towards Precise Completion of Deformable Shapes”, O.Halimi, I.Imanuel, O.Litany, G.Trappolini, E.Rodolà, L.Guibas, R.Kimmel., ECCV 2020.

“On Learning Sets of Symmetric Elements”, H.Marom, O.Litany, G.Chechik, E.Fetaya., ICML 2020. Outstanding paper award

“ImVoteNet: Boosting 3D Object Detection in Point Clouds with Image Votes”, C.Qi, X.Chen, O.Litany, L. Guibas., CVPR 2020.

“Object-Centric Multi-View Aggregation”, S. Tulsiani, O.Litany, C.Qi, H.Wang, L.Guibas., (arXiv).

“Deep Hough Voting for 3D Object Detection in Point Clouds”, C.Qi, O.Litany, K. He, L. Guibas., ICCV 2019. Oral, Nominated for best paper award

“Dual-Primal Graph Convolutional Networks”, F.Monti, O.Shchur, A.Bojchevski, O.Litany, S.Gnnemann, M.Bronstein., Graph Embedding and Mining (GEM) workshop at ECML-PKDD, 2019. Oral presentation

“SOSELETO: A Unified Approach to Transfer Learning and Training with Noisy Labels”, ICLR 2019 workshop on Learning from Limited Labeled Data O.Litany, D.Freedman. Oral, Best Paper award

“Self-supervised Learning of Dense Shape Correspondence”, O.Halimi, O.Litany, E.Rodolà, A.Bronstein, R.Kimmel. CVPR 2019. Oral presentation

“SHREC19: Shape Correspondence with Isometric and Non-Isometric Deformations”, R.M.Dyke, C.Stride, Y.K.Lai, P.L.Rosin, [and 22 others, including O.Litany]. Eurographics Workshop on 3D Object Retrieval 2019.

Book chapter: “Partial Single-and Multishape Dense Correspondence Using Functional Maps”, O.Litany, E.Rodolà, A.Bronstein, M.Bronstein, D.Cremers. Elsevier, 2018.

“Class-Aware Fully-Convolutional Gaussian and Poisson Denoising”, T.Remez, O.Litany, R.Giryes, A.Bronstein. Transactions on Image Processing, 2018.

“Generative Non-Rigid Shape Completion with Graph Convolutional Autoencoders”, O.Litany, A.Bronstein, M.Bronstein, A.Makadia. CVPR 2018.

“Deep Functional Maps: Structured Prediction for Dense Shape Correspondence”, O.Litany, T.Remez, E.Rodolà, A.Bronstein, M.Bronstein, ICCV 2017.

“Efficient Deformable Shape Correspondence via Kernel Matching”, Z.Lahner, M.Vestner, A.Boyarski, O.Litany, R.Slossberg, T.Remez, E.Rodolà, A.Bronstein, M.Bronstein, D.Cremers, R.Kimmel, 3DV 2017. Oral presentation

“White Matter Fiber Representation using Continuous Dictionary Learning”, G.Alexandroni, Y.Podolsky, O.Litany, T.Remez, A.Bronstein, H.Greenspan, R. Giryes, MICCAI, 2017.

“Deep Class Aware Denoising”, T.Remez, O.Litany, R.Giryes, A.Bronstein, IEEE International Conference on Image Processing (ICIP), 2017.

“SHREC’17: Deformable Shape Retrieval with Missing Parts”, E.Rodolà, L.Cosmo, O.Litany, M.Bronstein, A.Bronstein et al., EUROGRAPHICS Workshop on 3D Object Retrieval (3DOR 2017).

“Cloud Dictionary: Sparse Coding and Modeling for Point Clouds”, O.Litany, T.Remez, A. Bronstein, Signal Processing with Adaptive Sparse Structured Representations (SPARS), 2017.

“Fully Spectral Partial Shape Matching”, O.Litany, E.Rodolà, A.Bronstein, M.Bronstein. Eurographics 2017.

“Non-rigid Puzzles”, O.Litany, E.Rodolà, A.Bronstein, M.Bronstein, D.Cremers, Computer Graphics Forum, Wiley, 2016. SGP best paper award.

“ASIST: Automatic Semantically Invariant Scene Transformation”, O.Litany, T. Remez, D.Freedman, L.Shapira, A.Bronstein, R.Gal, CVIU journal.

“A picture is worth a billion bits: Real-time image reconstruction from dense binary threshold pixels”, T. Remez, O.Litany, A.Bronstein, ICCP 2016.

“Image reconstruction from dense binary pixels”, O.Litany, T.Remez, A.Bronstein, Signal Processing with Adaptive Sparse Structured Representations (SPARS), 2015.

“Putting the Pieces Together: Regularized Multi-part Shape Matching”, O.Litany, A.Bronstein, M.Bronstein, Proc. Workshop on Nonrigid Shape Analysis and Deformable Image Alignment (NORDIA), 2012.

“FPGA system for real-time computational extended depth of field imaging using phase aperture coding”, T.Remez, O.Litany, S.Yoseff, H.Haim, A.Bronstein.

SELECTED
PROFESSIONAL
SERVICE

- Doctoral Consortium Chair at ECCV 2026.
- Research Interaction Chair at 3DV 2025.
- Doctoral Consortium Chair at ECCV 2024.
- Area Chair: ICCV 2025, CVPR 2025, ECCV 2024, 3DV 2024, 3DV 2022
- Workshop / tutorial organizer:
 - “Neural Fields Beyond Conventional Cameras” 2nd workshop at CVPR, 2025.
 - “Open-Vocabulary 3D Scene Understanding” 4th workshop at CVPR, 2025.
 - “Neural Fields Beyond Conventional Cameras” workshop at ECCV, 2024.
 - “Open-Vocabulary 3D Scene Understanding” 3rd workshop at ECCV, 2024.
 - “Workshop on Data-Driven Autonomous Driving Simulation” workshop at CVPR, 2024.
 - “OpenSUN 3D: Open-Vocabulary 3D Scene Understanding” 2nd workshop at CVPR, 2024.
 - “Neural Fields for Visual Computing” Course at SIGGRAPH, 2023.
 - “OpenSUN 3D: Open-Vocabulary 3D Scene Understanding” workshop at ICCV, 2023.
 - “Neural Fields in Computer Vision” workshop at CVPR, 2022.
 - “Learning 3D Representations for Shape and Appearance” workshop at ICCV, 2021.
 - “iGDL: Israeli Geometric Deep Learning workshop (First)” workshop at , 2020.
 - “iGDL: Israeli Geometric Deep Learning workshop (Second)” workshop at , 2021.
 - “Deep Learning and Geometry” workshop at EUSIPCO, 2017.
 - “Learning 3D Representations for Shape and Appearance” workshop at ECCV, 2020.

- “Deep Learning for Computer Graphics and Geometry Processing” workshop at Eurographics, 2019.
- “Deep Learning meets Geometry” tutorial at ECCV, 2018.
- Session chair:
 - Nvidia NTECH conference
 - IAS Workshop on Machine Learning for 3D Understanding (2018)
- International Program Committee (PC):
 - AAAI 2020
 - Eurographics 2020, 2023
 - SUMO (Scene Understanding and Modeling) Challenge, 2019.
 - 3D Object Retrieval (3DOR) 2017, 2020-2023.
- Mentor at the Doctoral Consortium: CVPR 2020, CVPR 2022, ICCV 2023.
- Reviewer at:

Grants: SNSF, ISF; **2016**: ECCV; **2017**: 3DV, CVPR; **2018**: CVPR, TPAMI, Pattern Recognition, ICASSP, ECCV, 3DV, Transactions on Graphics (TOG), NIPS, SIGGRAPH ASIA, GMDL workshop; **2019**: Eurographics, CVPR, IEEE Robotics and Automation Letters, Computer Vision for Global Challenges Workshop at CVPR, GMDL workshop at ICCV, 3DRW workshop at ICCV, TPAMI, Transactions on Image Processing, AAAI, ICLR (emergency); **2020**: CVPR, Siggraph, NeurIPS, CAG journal (Elsevier), Journal of Imaging, 3DOR, IEEE TVCG, PAMI. **2021**: CVPR, WACV, ICCV, NeurIPS, TPAMI, IEEE Robotics and Automation Letters. **2022**: SIGGRAPH, CVPR, TMLR, 3DV, NeurIPS. **2023**: CVPR, WAD workshop, SIGGRAPH, ICCV, OpenSUN3D workshop. **2024**: ICLR, CVPR, NeurIPS, SIGGRAPH.
- Thesis Examiner: Eta Sella, MSc (TAU); Yarin Bar, MSc (Technion); Yanai Soker, MSc (Technion); Shengyu Huang, PhD (ETH Zurich); Marco Fumero, PhD (University of Rome); Maxim Maximov, PhD (TUM); Evin Pnar Ornek, PhD (TUM); Edan Kinderman, MSc; **2025**: ICLR, ICML, SIGGRAPH-ASIA

INVITED TALKS

1. Nov 28, 2024. Weizmann Computer Vision and AI seminar.
2. Sep 29, 2024. Keynote at Sun3D workshop at ECCV.
3. May 30, 2024. Bar Ilan University CS Colloquium. Invited by Prof. Ely Porat.
4. May 28, 2024. New-tech exhibition: AI, MACHINE LEARNING & MACHINE VISION track.
5. April 10, 2024. TUM, Germany. Invited by Prof. Daniel Cremers.
6. March 28, 2024. University of Illinois, Urbana-Champaign – vision seminar. Invited by Prof. Shenglong Wang.
7. March 26, 2024. Tel-Aviv University EE Seminar. Invited by Prof. Hadar Elor
8. 3.15.24 ETH, Switzerland. Invited by Prof. Konrad Schindler.
9. IMVC Autonomous Systems & Robotic Vision
10. ICCV 2023 Workshop on Language for 3D Scenes - Keynote.
11. 5.24.23 Singapore Vision Day – Keynote.
12. 4.28.23 Brown Visual Computing Seminar
13. Data-driven Simulation for AV, ECCV 2022 workshop on 3D Perception for Autonomous Driving. Tel-Aviv, Israel. Invited by Prof. Gal Chechik and Raja Giryes.
14. 9.30.21 Research presentation at Nvidia’s NTECH conference.
15. 9.29.21 Reduced supervision for 3D scene understanding. SIAM Conference on Geometric and Physical Modeling (GD/SPM21). Invited by Prof. Qixing Huang.

16. 6.2.21 Deep Learning on graphs and manifolds. Guest speaker at Stanford course CS233.
17. Nvidia GTC 2021
18. 12.14.20 Hebrew University of Jerusalem (HUJI). Invited by Prof. Raanan Fattal.
19. 12.8.20 Tel-Aviv CS. Invited by Prof. Sivan Toledo.
20. 12.1.20 Technion Pixel-Club. Invited by Prof. Ron Kimmel.
21. 11.30.20 Tel-Aviv EE. Invited by Prof. Shai Avidan.
22. 10.16.20 UT Austin's Forum for Artificial Intelligence (FAI) seminar. Invited by Prof. Qixing Huang.
23. 9.9.20 Google Cambridge. Invited by Prof. Bill Freeman.
24. 8.2.20 Talk at iGDL
25. 7.29.20 Talk at Google. Invited by Prof. Thomas Funkhouser.
26. 7.8.20 SIAM 20: Learning and Processing of Geometric Visual Structures. Invited by Prof. Ron Kimmel.
27. 1.7.20 Talk at Amazon. Invited by Dr. Roee Litman.
28. 9.1.20. Stanford Graphics-Cafe.
29. 19.12.19. Talk at Nvidia Research, Toronto. Invited by Prof. Sanja Fidler
30. 21.11.19. Talk at Apple. Invited by Dr. Oncel Tunzel
31. 19.7.19. Invited speaker at the, "Deep Learning for Science School" at Berkeley.
32. 17.4.2019. Cornell Tech University. Invited by Prof. Noah Snavely.
33. 16.4.2019. New York University (NYU). Invited by Prof. Daniele Panozzo and Prof. Juan Bruna.
34. 10.4.2019. Palo Alto Research Center (Xerox PARC). Invited by Kalai Ramea.
35. 31.1.2019. "San Francisco Deep Learning Meetup", San Francisco, CA, USA.
36. 4.7.2018. "TUM IAS Workshop on Machine Learning for 3D Understanding", TU Munich, Germany.
37. 15.3.2018. "Imaging and Vision from Theory to Applications" workshop, Siegen, Germany. Invited by Prof. Michael Muller.
38. 26.1.2018. Stanford University. Invited by Prof. Leonidas Guibas.
39. 27.09.2017. New York University (NYU). Invited by Prof. Juan Bruna.
40. 13.09.2017. Google New York.
41. 26.06.2017. Invited speaker at Israel computer vision MeetUp. Google campus Tel-Aviv.
42. 13.01.2017. Invited speaker at the Dagstuhl Seminar 17021 Functoriality in Geometric Data. Schloss Dagstuhl, Leibniz Center for Informatics (Germany).
43. 25.12.2016. Invited speaker at the Israeli Computer Vision Day. IDC Herzliya (Israel).
44. 24.11.2016. Weizmann Institute of Science (Israel). Invited by Prof. Y. Lipman.
45. 22.11.2016. Tel Aviv University (Israel). Invited by Prof. D. Cohen-Or.
46. 27.10.2016. Invited speaker at the G-Caffe Seminar, Stanford University. Invited by Prof. L. Guibas.
47. 21.06.2016. Eurographics Symposium on Geometry Processing (SGP), FU Berlin (Germany). Invited by Prof. M. Ovsjanikov and Prof. D. Panozzo.
48. 5.6.2016. The Hebrew University of Jerusalem (Israel). Invited by Prof. Shmuel Peleg.
49. 15.4.2016. Technische Universität München (Germany). Invited by Prof. D. Cremers.
50. 12.4.2016. USI University of Lugano (Switzerland). Invited by Prof. M. Brösestein.

51. 30.11.2015. Ben Gurion University (Israel). Invited by Prof. O. Ben-Shahar.

EMPLOYMENT HISTORY

NVIDIA

Sr. Research Scientist

Manager: Prof. Sanja Fidler

August 2020 - Present

Google TLV

Research Intern

December 2017 - August 2018

Transfer learning algorithms in Deep Learning (best paper at ICLR LLD workshop)

Host: Dr. Daniel Freedman

Google NYC

Research Intern

July 2017 - October 2017

Geometric deep-learning for shape completion (published at CVPR)

Intel Perceptual Computing

Research Intern

July 2016 - June 2017

3D shape correspondence (3 publications at ICCV and Eurographics)

Microsoft Research

Research Intern

February 2015 - December 2016

3D scene understanding and reconstruction for VR (see ASIST in publications)