

Yipeng Qin

CONTACT INFORMATION	S/2.20 Queen's Buildings, 5 The Parade, Roath Cardiff CF24 3AA, United Kingdom	+44 (0)78 5275 6993 qiny16@cardiff.ac.uk
RESEARCH INTERESTS	Deep Learning, Computer Graphics, Computer Vision, Geometry Processing	
EMPLOYMENT	Lecturer (~Assistant Professor) in Computer Science School of Computer Science and Informatics Cardiff University, Wales, United Kingdom	2019.06 – now
	Post Doctoral Research Fellow Visual Computing Center King Abdullah University of Science and Technology, Saudi Arabia	2017.11 – 2019.05
EDUCATION	Ph.D. in Computer Science National Centre for Computer Animation (NCCA) Bournemouth University, United Kingdom	2013.10 – 2017.07
	B.Eng.(Hons) in Electronic Engineering School of Electronic Information and Electrical Engineering Shanghai Jiao Tong University, P.R.China	2009.09 – 2013.06
PUBLICATIONS	<p>Y. Qin, N. Mitra, P. Wonka. “How does Lipschitz Regularization Influence GAN Training?” European Conference on Computer Vision (ECCV), 2020. [link]</p> <p>P. Zhu, R. Abdal, Y. Qin, P. Wonka. “SEAN: Image Synthesis with Semantic Region-Adaptive Normalization.” Conference on Computer Vision and Pattern Recognition (CVPR), 2020 (oral). [link]</p> <p>R. Abdal, Y. Qin, P. Wonka. “Image2StyleGAN++: How to Edit the Embedded Images?” Conference on Computer Vision and Pattern Recognition (CVPR), 2020. [link]</p> <p>R. Abdal, Y. Qin, P. Wonka. “Image2StyleGAN: How to Embed Images Into the StyleGAN Latent Space?” International Conference on Computer Vision (ICCV), 2019 (oral). [link]</p> <p>Y. Qin, H. Yu, J. Zhang. “Fast and Memory-Efficient Voronoi Diagram Construction on Triangle Meshes.” <i>Computer Graphics Forum</i>, Vol 36, No 5, SGP 2017. [link]</p> <p>Y. Qin*, X. Han*, H. Yu, Y. Yu, J. Zhang. “Fast and Exact Discrete Geodesic Computation Based on Triangle-Oriented Wavefront Propagation.” <i>ACM Transactions on Graphics</i>, Vol 35, No 4, SIGGRAPH 2016. (* joint first authors) [link]</p> <p>H. Yu, Y. Qin, J. Zhang. “Eigenspace-based surface completeness.” <i>Journal of Electronic Imaging</i>, 24(2), 2015. [link]</p>	

PATENTS	Y. Qin. Idle-Bandwidth Self-Adaption Method for Internet Video Streaming Media Transmission. Patent Number: ZL 2013 1 0108664.5 . Filed March 29, 2013 and issued April 27, 2016. <i>Chinese Patent</i> . [link]	
PRESENTATIONS	Invited Talk , 4th Tsinghua-Cardiff workshop on Visual Computing 2019.09 Invited Talk , Prof. Shengyong Chen's group, Tianjin, P.R.China 2017.10 Oral Presentation , SGP 2017, London, United Kingdom 2017.07 Invited Talk , IEA/AIE 2017 workshop CAnimAI, Arras, France 2017.06 Oral Presentation , SIGGRAPH 2016, Anaheim, CA, U.S. 2016.06	
ADVISING	Rameen Abdal 2018.09 – 2019.12 MS-PhD student of Prof. Peter Wonka at KAUST, Saudi Arabia. Peihao Zhu 2019.09 – 2020.03 MS-PhD student of Prof. Peter Wonka at KAUST, Saudi Arabia.	
TEACHING	CM1205 - Architecture and Operating Systems Undergraduate level (Year 1) Academic year: 2019/2020 Cardiff University, UK	
ADMIN	PGT Programme Lead (MSc DSA & Data Gov)	2020.10 – now
PROFESSIONAL ACTIVITIES	Journal reviewer ACM Transactions on Graphics (TOG) IEEE Transactions on Visualization and Computer Graphics (TVCG) Computer Graphics Forum (CGF) Neurocomputing Conference reviewer SIGGRAPH SIGGRAPH Asia Eurographics	
REFERENCES	Yukun Lai Reader(~Professor) School of Computer Science and Informatics E-mail: LaiY4@cardiff.ac.uk Cardiff University Peter Wonka Professor, Associate Director Visual Computing Center E-mail: peter.wonka@kaust.edu.sa King Abdullah University of Science and Technology Jianjun Zhang Professor, Director Phone: (+44) 1202 965055 National Centre for Computer Animation E-mail: jzhang@bournemouth.ac.uk Bournemouth University	