

Yipeng Qin

CONTACT INFORMATION	Al-Khwarizmi Building (1), Level 2, Room 2101 Thuwal 23955-6900, Saudi Arabia	+966 XXX XXX XXXX yipeng.qin@kaust.edu.sa
RESEARCH INTERESTS	Geometry Processing, Computer Graphics, Computer Vision	
EDUCATION	Ph.D. in Computer graphics	2013.10 – 2017.07
	National Centre for Computer Animation (NCCA) Bournemouth University, United Kingdom	
	Thesis: Fast and Exact Geodesic Computation using Edge-based Windows Grouping	
	B.Eng.(Hons) in Electronic Engineering	2009.09 – 2013.06
	School of Electronic Information and Electrical Engineering Shanghai Jiao Tong University, P.R.China	
PUBLICATIONS	Yipeng Qin , Hongchuan Yu, Jianjun Zhang. “Fast and Memory-Efficient Voronoi Diagram Construction on Triangle Meshes.” <i>Computer Graphics Forum</i> , Vol 36, No 5, SGP 2017 . [link]	
	Yipeng Qin* , Xiaoguang Han*, Hongchuan Yu, Yizhou Yu, Jianjun 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]	
	Hongchuan Yu, Yipeng Qin , Jianjun Zhang. “Eigenspace-based surface completeness.” <i>Journal of Electronic Imaging</i> , 24(2), 2015. [link]	
PATENTS	Yipeng 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 , 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
RESEARCH EXPERIENCE	Post Doctoral Fellow	2017.11 – now
	Visual Computing Center King Abdullah University of Science and Technology, Saudi Arabia	
	Research Assistant	2013.02 – 2013.05
	School of Electronic Information and Electrical Engineering Shanghai Jiao Tong University, P.R.China	
	Topic: Vehicle Detection on Campus and Highways	

	Research Assistant	2012.06 – 2012.08
	Image Communication and Information Processing Research Institute Shanghai Jiao Tong University, P.R.China	
	Topic: Visual Attention Model for Saliency Detection	
WORK EXPERIENCE	Intern Leader BesTV Research Institute BesTV New Media Co., Ltd., Shanghai, P.R.China	2012.11 – 2013.01
AWARDS	BU PhD Studentship (£14,000 p.a.) Bournemouth University, UK	2013 – 2016
	Student Leader Contribution Award Shanghai Jiao Tong University, P.R.China	2011 – 2012
	Academic Excellence Scholarship Shanghai Jiao Tong University, P.R.China	2010 – 2012
	Merit Student of Shanghai Jiao Tong University Shanghai Jiao Tong University, P.R.China	2010 – 2011
	Shing-Tung Yau High School Mathematics Award Suzhou High School, P.R.China	2008
SKILLS	Programming C++/C, Matlab, Python, OpenGL, OpenCV, Eigen, etc. Softwares Latex, Microsoft Office, Photoshop, Maya, Meshlab, etc. Language Chinese Mandarin, English	
PROFESSIONAL ACTIVITIES	Journal reviewer Mathematical Problems in Engineering Conference reviewer ICVRV 2016, SIGGRAPH Asia 2017 Workshop D2AT Website Developer EU H2020 project-AniAge (No.691215) Project Page [link]	
REFERENCES	Peter Wonka Professor, Associate Director Phone: (+966) 12 808 0235 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	
	Hongchuan Yu Senior Lecturer Phone: (+44) 1202 961883 National Centre for Computer Animation E-mail: hyu@bournemouth.ac.uk Bournemouth University	