

Our Young Scholar Dr. Zhou Zhi Received RGC Early Career Award 2018/19



Congratulations to our Assistant Professor Dr. Zhou Zhi for receiving Research Grants Council (RGC) Early Career Award in recognition of excellent achievement in his research area.

Dr Zhou is awarded for his project on “*Numerical Methods for Time-fractional Diffusion Equations with Non-smooth Solutions*” under the RGC Early Career Scheme in 2018/19. His project is rated excellent among the 153 projects funded by the Scheme in the year, which aims to nurture junior academics. The finding of his project is expected to help in the numerous applications related to anomalously slow diffusion or sub-diffusion, such as contaminant transport in groundwater, protein diffusion within cells, thermal diffusion in media with fractal geometry, and heat conduction with memory, to name just a few. The project is conducted in collaboration with Professor Qiang Du (Columbia University), Professor Bangti Jin (University College London), and Professor Raytcho Lazarov (Texas A&M University), etc

Dr Zhou joined PolyU in 2017. Before joining PolyU, he was a post-doctoral fellow at Columbia University. His research mainly lies in the areas of numerical modeling, simulation and analysis. He obtained his Bachelor of Science (Computational Mathematics) from Nanjing University of Aeronautics and Astronautics in 2010 and Ph.D. (Mathematics) from Texas A&M University in 2015. He has published more than 20 papers in top journals of the field of applied and computational mathematics, such as SIAM Journal on Numerical Analysis, Mathematics of Computation, Numerische Mathematik and IMA Journal of Numerical Analysis. He also obtain the best paper award in AMA department in 2018.