



Fu Qiang

Ph.D.

Associate Professor
Master's Advisor



Room 404, School of Digital
Media Building, Shahe Campus
Beijing University of Posts and
Telecommunications, Changping
District, Beijing



fuqiang@bupt.edu.cn

Research Direction

- Computer Graphics
- Virtual Reality
- Human-Computer
Interaction
- Artificial Intelligence

Social Part time-job

- Executive Committee Member
of the Virtual Reality and
Visualization Technology
Specialized Committee, China
Computer Federation
- Committee Member of the
Artificial Intelligence Simulation
Technology Specialized
Committee, China Society for
Simulation
- Vice Chairman of the Red
Resources Working
Committee, China Architecture
Culture Research Association

Educational background

2007.09 ~ 2011.07	Beihang University	Automation	Undergraduate
2011.09 ~ 2012.07	Beihang University	Control Theory and Control Engineering	Master's to PhD
2012.09 ~ 2018.07	Beihang University	Computer Application	Ph.D.

Work experience

2018.09 ~ 2019.09	University of Houston	Postdoctoral Fellow
2018.09 ~ 2021.12	Beijing University of Posts and Telecommunications	Assistant Professor
2021.12~present	Beijing University of Posts and Telecommunications	Associate Professor

Host Project

- ◆ National Natural Science Foundation of China (NSFC) Youth
Science Fund Project
Title: Interactive Function-guided Indoor 3D Scene Modeling and
Evaluation
Project Number: 61902032
- ◆ National Key Laboratory Open Project
Title: Indoor 3D Scene Construction and Editing based on Deep
Reinforcement Learning
Project Number: VRLAB2019B01
- ◆ Enterprise Cross-sectional Project
Title: Digital Twin Smart Factory
Project Number: A2022168

Representative Paper

- ◆ Q. Fu et al., Magic Furniture: Design Paradigm of Multi-function
Assembly. IEEE Transactions on Visualization & Computer
Graphics, accepted, 2023.
- ◆ F. Lyv , H. Li, Q. Fu et al., Effects of spatial constraints and
ages on children' s upper limb performance in mid-air
gesture interaction. International Journal of Human-Computer
Studies. 170. 102952, 2022.
- ◆ G. Xiong, Q. Fu, et al., "Motion Planning for Convertible Indoor
Scene Layout Design" in IEEE Transactions on Visualization &
Computer Graphics, vol. 27, no. 12, pp. 4413-4424, 2021.
- ◆ Q. Fu et al. Adaptive synthesis of indoor scenes via
activity-associated object relation graphs. ACM Transactions on
Graphics. 36. 1-13, 2017.
- ◆ Q. Fu et al., Pose-Inspired Shape Synthesis and
Functional Hybrid. IEEE Transactions on Visualization &
Computer Graphics, vol. 23, no. 12, pp. 2574-2585,
2017.