

26 Paper Awards from HKUST VisLab

IEEE VIS (Top Conference in Visualization)

(2 Best Paper and 8 Honorable Mention Awards)

2009: Honorable Mention for Best Paper Award

Ming-Yuen Chan, Yingcai Wu, Wai-Ho Mak, Wei Chen, *Huamin Qu*:
Perception-Based Transparency Optimization for Direct Volume Rendering.

2014: Honorable Mention for Best Paper Award

Conglei Shi, Yingcai Wu, Shixia Liu, Hong Zhou, *Huamin Qu*:
LoyalTracker: Visualizing Loyalty Dynamics in Search Engines.

2018: Best Paper Award

Dongyu Liu*, Panpan Xu, Liu Ren
TPFlow: Progressive Partition and Multidimensional Pattern Extraction for Large-Scale Spatio-Temporal Data Analysis

2019: Short Paper Honorable Mention Award

Leo Yu-Ho Lo, Yao Ming, *Huamin Qu*
Learning Vis Tools: Teaching Data Visualization Tutorials

2021: Honorable Mention for Best Paper Award

Haotian Li, Yong Wang, Songheng Zhang, Yangqiu Song, *Huamin Qu*:
KG4Vis: A Knowledge Graph-Based Approach for Visualization Recommendation

2021: Honorable Mention for Best Paper Award

Furui Cheng, Dongyu Liu, Fan Du, Yanna Lin, Alexandra Zytek, Haomin Li, *Huamin Qu*, Kalyan Veeramachaneni:
VBridge: Connecting the Dots Between Features and Data to Explain Healthcare Models

2021: Honorable Mention for Best Paper Award

Xingbo Wang, Jianben He, Zhihua Jin, Muqiao Yang, Yong Wang, *Huamin Qu*:
M2Lens: Visualizing and Explaining Multimodal Models for Sentiment Analysis.

2021: Zhutian Chen, Shuainan Ye, Xiangtong Chu, Haijun Xia, Hui Zhang, *Huamin Qu*,
Yingcai Wu:

Augmenting Sports Videos with VisCommentator

2022: Honorable Mention for Best Paper Award

Wai Tong, Zhutian Chen, Meng Xia, Leo Yu-Ho Lo, Linping Yuan, Benjamin Bach,
Huamin Qu:
Exploring Interactions with Printed Data Visualizations in Augmented Reality.

2024: Best Short Paper Award

Yue Yu, Leixian Shen, Fei Long, Huamin Qu, Hao Chen

PyGWalker: On-the-fly Assistant for Exploratory Visual Data Analysis

ACM CHI (Top Conference in Human-Computer Interaction)

2025: Best Paper Honorable Mention Award

Shuchang Xu, Xiaofu Jin, Huamin Qu, Yukang Yan

DanmuA11y: Making Time-Synced On-Screen Video Comments (Danmu) Accessible to Blind and Low Vision Users via Multi-Viewer Audio Discussions

2024: Best Paper Honorable Mention Award

Haotian Li, Yun Wang, Huamin Qu:

Where Are We So Far? Understanding Data Storytelling Tools from the Perspective of Human-AI Collaboration

2022: Best Paper Honorable Mention Award

Haotian Li, Yong Wang, Aoyu Wu, Huan Wei, Huamin Qu:

Structure-aware Visualization Retrieval.

2018: Best Paper Honorable Mention Award

Ke Xu, Shunan Guo, Nan Cao, David Gotz, Aiwen Xu, Huamin Qu, Zhenjie Yao, Yixin Chen:

ECGLens: Interactive Visual Exploration of Large Scale ECG Data for Arrhythmia Detection

2016: Best Paper Honorable Mention Award

Jian Zhao, Michael Glueck, Fanny Chevalier, Yanhong Wu*, Azam Khan

Egocentric Analysis of Dynamic Networks with EgoLines

ACM Multimedia (Top Conference in Multimedia)

2024: Best Paper Honorable Mention Award

Kento Shigyo, Yi-Fan Cao, Kentaro Takahira, Mingming Fan, and Huamin Qu

VR-Mediated Cognitive Defusion: A Comparative Study for Managing Negative Thoughts

IEEE VR (Top Conference in Virtual Reality)

2025: Best Paper Honorable Mention Award

Zheng Wei, Jia Sun, Junxiang LIAO, Lik-Hang Lee, Chan In Devin SIO, Pan Hui, Huamin Qu, Wai Tong, and Xian Xu

Illuminating the Scene: How Virtual Environments and Learning Modes Shape Film Lighting Mastery in Virtual Reality

Others

(3 Best Paper, 1 Best Notes, 1 Best Poster, and 3 Honorable Mention Awards)

2024: ICCE Best Technical Design Paper Nomination

Fung K. Y., Fung K. C., Lui, TL, Pang F., Sin, K. F., Qu, H., & Song, S.
A Robot-assisted Scenario Training for Students with ASD

2020: ChinaVis 2020 Best Paper Honorable Mention Award

Xinhuan Shu, Jiang Wu, Xinke Wu, Hongye Liang, Weiwei Cui, Yingcai Wu, Huamin Qu
DancingWords: exploring animated word clouds to tell stories

2019: IEEE VIS 2019 Best Poster Award

Meng Xia, Huan Wei, Min Xu, Leo Yu Ho Lo, Yong Wang, Rong Zhang, Huamin Qu
Visual Analytics of Student Learning Behaviors on K-12 Mathematics E-learning Platforms

2017: ACM IUI Best Paper Award

Chun-Fu (Richard) Chen, Marco Pistoia, Conglei Shi, Paolo Girolami, Joseph W. Ligman, Yong Wang*:
UI X-Ray: Interactive Mobile UI Testing Based on Computer Vision

2016: IEEE PacificVis Best Note Award

Tongshuang Wu, Yuan Yao, Yuqing Duan, Xinzhi Fan, Huamin Qu:
NetworkSeer: Visual analysis for social network in MOOCs.

2016: IEEE PacificVis Best Paper Honorable Mention Award

Tongshuang Wu, Yingcai Wu, Conglei Shi, Huamin Qu, Weiwei Cui:
PieceStack: Toward Better Understanding of Stacked Graphs

2016: ChinaVis Honorable Mention Award

Yixian Zheng, Wenchao Wu, Nan Cao, Huamin Qu, Lionel M. Ni
Focus+context grouping for animated transitions

2014: VINCI Best Paper Award

Hong Zhou, Panpan Xu, Zhong Ming, Huamin Qu:
Parallel Coordinates with Data Labels.

2013: Best Paper Award at the 13th International Conference on Computer-Aided Design and Computer Graphics (CAD/Graphics 2013)

Haidong Chen, Ji Wang, Weifeng Chen, Huamin Qu, Wei Chen:
An image-space energy-saving visualization scheme for OLED displays

(We only count papers with VisLab member(s) when they are PhD students at VisLab)