

Xi LUO

PHD CANDIDATE

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EDUCATION

ShanghaiTech University

PH.D, COMPUTER SCIENCE

- Advisor: Prof. Jingyi Yu
- Previous Advisor: Prof. Youyi Zheng

Shanghai, China

Sep. 2016 - PRESENT

Shandong University

B.SC, COMMUNICATION ENGINEERING

Shandong, China

Sep. 2012 - Jun. 2016

RESEARCH INTERESTS

Computer Vision · Human Performance Capture · 3D Reconstruction and Modeling
Computer Graphics · Virtual and Augmented Reality(VR/AR) · Human Computer Interaction

PUBLICATIONS

Multiview Deformation for Dynamic Human Reconstruction

Xi Luo*, YUWEI LI*, WEI YANG, YU ZHU, XIN CHEN, YINGLIANG ZHANG, SHI JIN, JINGYI YU

In submission to TVCG

CHANDS: A Challenging Hand Gesture Dataset

YUWEI LI*, Xi Luo*, WEI YANG, YU JI, CHI-HAN PENG, JINGYI YU

Submitted to CVPR2020

Towards 3D Human Shape Recovery Under Clothing

XIN CHEN, ANQI PANG, YU ZHU, YUWEI LI, Xi Luo, GE ZHANG, PEIHAO WANG, YINGLIANG ZHANG, SHIYING LI, JINGYI YU

In submission

Fragmentation Guided Human Shape Reconstruction

YINGLIANG ZHANG, Xi Luo, WEI YANG, JINGYI YU

Access 2019

A Shared Augmented Virtual Environment for Realtime Mixed Reality Applications

YU ZHU, SHIYING LI, Xi Luo, KANG ZHU, QIANG FU, XILIN CHEN, HUIXING GONG, JINGYI YU

CAWW 2018

AutoSweep: Recovering 3D Editable Objects from a Single Photograph

XIN CHEN, YUWEI LI, Xi Luo, TIANJIA SHAO, YOUYI ZHENG, JINGYI YU, KUN ZHOU

TVCG 2018

iHDViewer: A Visualization Tool for Tracking HD

WENBO WANG, Xi Luo, LIANGFU LU, YOUYI ZHENG

BigData 2018

SweepCanvas: Sketch-based 3D Prototyping on an RGB-D Image

YUWEI LI, Xi Luo, YOUYI ZHENG, PENGFEI XU, AND HONGBO FU

UIST 2017

PATENTS

A 3D Mesh Sequence Compression Method Based on Human Template Alignment

CHEN XIN, Xi Luo, YUWEI LI, YINGLIANG ZHANG

CN110363862A 2019

A Method for Automatic Human Motion Capture

Xi Luo, YUWEI LI, YINGLIANG ZHANG

CN110348371A 2019

A Method for Extending the Field of View of an Augmented Reality Head-mounted Display Device

Xi Luo, YANSHUN ZHANG, JIAYAN LI, YUWEI LI, YINGLIANG ZHANG

CN110060349A 2019

A Multi-view Based Virtual Fitting Method

YUWEI LI, Xi Luo, YINGLIANG ZHANG, XIN CHEN

CN109427007A 2019

Multi-view Angle Three-dimensional Human Body Reconstruction Method Based on Template Deformation

YINGLIANG ZHANG, Xi Luo, WEI YANG, YU ZHU

CN109242954A 2019

EXPERIENCE

R&D Intern DGene Digital Technology Inc. Shanghai, China

Jul. 2017 – Oct. 2019

SKILLS

Programming Python, C/C++, C#, Matlab

Applications Unity3D, Blender, Qt, Photoshop, Premiere, Latex, OpenCV, OpenGL

Languages Chinese, English