

Mei-Ling Chen (陳美伶)

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EDUCATION

**Ph.D. Student of Information Systems and Applications,
National Tsing Hua University, 2016-now**

Lab: Collaborative and Social Computing (<http://csclab.tw>)

Advisor: Professor Hao-Chuan Wang

**Master Student of Information Systems and Applications,
National Tsing Hua University, 2015-2016**

Lab: Collaborative and Social Computing (<http://csclab.tw>)

Advisor: Professor Hao-Chuan Wang

**B.S., Department of Computer Science and Information Engineering,
National Chung Cheng University, 2011-2015**

Graduation Project Advisor: Professor Chen-Kuo Chiang

WORK

Institute of Information Science, Academia Sinica 2016-now

Internship

Advisor: Dr. Tyng-Ruey Chuang

EXPERIENCE

**Educational Neuroscience Lab, Department of Psychology,
National Chung Cheng University 2014-2015**

Lab Assistant

Project : ERP study in the classification ability of emotional faces

Computer Center, National Chung Cheng University 2013-2014

Web Interface Designer

Projects : Computer Center website,

Freshemen Service website,

Mobile version homepage of National Chung Cheng University

PROJECTS

Knowledge Keeper , 2016-now

A system that aims to support interpersonal knowledge transfer for physical tasks, such as operating a machine in the workplace. It is designed to facilitate work procedure logging, collaborative annotation and extension of logged procedure for creating training tutorials.

Secret-ballot Bot on Slack 2016-now

A group-based secret-ballot system that makes members express personal opinions without disclosing self-identity. It can be regarded as a trusted third party to collect the personal data as well.

Co-viewing Room , 2015-now

A mobile TV content sharing system which enables distributed users to share three types of TV content, including whole video sharing, video clips sharing and snapshots sharing during an online chat.

We TV, 2015-2016

A Prototype of the concept that to meet the needs of TV viewers. We want to use VR technology to make viewers have immersive experience with TV content. Besides, We TV can recommend you who might want to enjoy TV time with you and provide recommended programs and other leisure activities based on your situation.

Cooperation in Anonymous and Pseudonymous Conditions, 2016

According to some research that people feel less restrained and express themselves more freely because of anonymity. Besides, they would prefer to express ideal self rather than actual self. Another research shows that the presence of cues to identity leads to more positive impressions between users slightly. In this study, we want to see how anonymity affects cooperation and the acceptance of others' ideas.

Objected-based Tilt-Shift Photography , 2014-2015

Tilt-Shift photography captures specific focused range by tilt-shift lens. Using the tilt-shift lens, the viewers can pay their attention to the specific objects naturally. We develop an automatic method to produce tilt-shift images.

PUBLICATIONS

Pei-Yun Tu, Mei-Ling Chen, Chi-Lan Yang, Hao-Chuan Wang: Co-Viewing Room: Mobile TV Content Sharing in Social Chat. Proceedings of ACM Conference on Human Factors in Computing Systems, Late-Breaking Work (CHI LBW) 2016.

Mei-Ling Chen, Chia-Jung Chou, Min-Tzu Wu and Chen-Kuo Chiang : Object-based tilt-shift photography. IEEE International Conference Consumer Electronics - Taiwan (ICCE-TW) 2015

RESEARCH INTERESTS

**Human-Computer Interaction(HCI) : Social Computing
User Experience (UX)
Interaction Design
Open Source Application, Data Science, Multimedia**

SKILLS

Research Related

Literature Reading, Prototyping, Data analysis, Writing

Programming Language

C/C++, MATLAB, Python, Java, Android, HTML, CSS, javascript

English Ability

TOEIC (listening/reading) 880/990

AWARDS AND GRANTS

Principal Scholarship, National Tsing Hua University 2016-now

College Student Research Scholarship,

Ministry of Science and Technology (National Science Council) 2014-2015

Topic : Object-based Tilt-Shift Photography

Advisor : Professor Chen-Kuo Chiang

Best Award of Graduation Project, National Chung Cheng University 2014

Topic : Objected-based Tilt-Shift Photography

Advisor : Professor Chen-Kuo Chiang

OTHER EXPERIENCE

Teaching Assistant of Software Studio 2016

Department of Computer Science, National Ting Hua University

Trans Action Competition 2015-2016

Industrial Development Bureau, Ministry of Economic Affairs

Topic : We TV (Smart Home)

Participant of OpenHCI 2015

Student Organized Workshop about Human-Computer Interaction

Topics : Collaboration with interdisciplinary students, Brainstorming, Arduino, Processing

Assistant of Testing of Automatic Nervous System 2012-2015
Counseling Center, National Chung Cheng University