

Yung-Ju (Stanley) Chang

Associate Professor
Department of Computer Science
Institute of Communication Studies
National Yang Ming Chiao Tung University

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Education

University of Michigan, School of Information, Ann Arbor, MI 2010 – 2016
Ph.D., Information Science
Advisor: Prof. Mark W. Newman

University of Michigan, School of Information at, Ann Arbor, MI 2007 – 2009
Master of Science, Information Science

National Chiao Tung University, Hsinchu, Taiwan 2001 – 2005
Master of Science, Computer Science and Information Engineering

Research Interests

Human-computer Interaction, ubiquitous computing, interruption and attention, crowdsourcing, human-intelligence interaction

Employment

National Yang Ming Chiao Tung University, Hsinchu, Taiwan
Associate Professor, Department of Computer Science, 2020-present
Associate Professor, Institute of Communication Studies, 2022-present

National Chiao Tung University, Taiwan
Assistant Professor, Department of Computer Science, 2016-2020

University of Michigan, Ann Arbor, MI
Research Associate, 2016 - 2016

Microsoft Research, Mountain View, CA
Research Intern, 2013-2013

Teaching

Instructor

User-Centered Interaction Design

Department of Computer Science, National Yang Ming Chiao Tung University

User Experience and Usability Evaluation

Department of Computer Science, National Yang Ming Chiao Tung University

Research Methods and Topics in Human-Computer Interaction

Department of Computer Science, National Yang Ming Chiao Tung University

Introduction to Computer Science and Programming

Department of Computer Science, National Yang Ming Chiao Tung University

Graduate Student Instructor

SI622 Needs Assessment and Usability Evaluation

School of Information, University of Michigan, Winter 2013, 2015, 2016

SI502 Networked Computing: Storage, Communication, and Processing

School of Information, University of Michigan, Fall 2012, 2015

Award and Honors

Best Paper Honorable Mention, CHI 2022

How to Guide Task-oriented Chatbot Users, and When: A Mixed-methods Study of Combinations of Chatbot Guidance Types and Timings

Top Paper Award, ICA Mobile Communication Group, ICA 2022

Tracking the Temporal Flows of Mobile Communication in Daily Life

Best of Best, Red Dot Design Award 2021

BlindNavi

Teaching Award, College of Computer Science 2021

National Yang Ming Chiao Tung University, Hsingchu, Taiwan

Best Paper Honorable Mention, MobileHCI 2019

I Think It's Her: Investigating Smartphone Users' Speculation About Phone Notifications and Its Influence on Attendance.

MediaTek Junior Chair Professor Program Award, 2016

National Chiao Tung University, Hsingchu, Taiwan

Rackham Chia-Lun Lo Fellowship, 2013
University of Michigan, Ann Arbor, MI, USA

Publications

Peer-Reviewed Conference Papers

- [C.1.] Yu-Ling Chou, Yu-Ling Chien, Yu-Hsin Lin, Kung-Pai Lin, Faye Shih, **Yung-Ju Chang***. 2022. “Because I’m Restricted, 2–4 PM Unable to See Messages”: Exploring Users’ Perceptions and Likely Practices around Exposing Attention-management Information on IM Statuses (CHI ’22)
- [C.2.] Yu-Ling Chou, Yi-Hsiu Lin, Tzu-Yi Lin, Hsin Ying You, **Yung-Ju Chang***. 2022. Why Did You/I Read but Not Reply? IM Users’ Unresponded Read-Receipt Practices and Explanations (CHI ’22)
- [C.3.] Su-Fang Yeh, Meng-Hsin Wu, Tze-Yu Chen, Yen-Chun Lin, XiJing Chang, You-Hsuan Chiang, **Yung-Ju Chang***. 2022. How to Guide Task-oriented Chatbot Users, and When: A Mixed-methods Study of Combinations of Chatbot Guidance Types and Timings (CHI ’22) **[Honorable Mention Award for Best Paper]**
- [C.4.] Kuan-Wen Chen, **Yung-Ju Chang***, Liwei Chan. 2022. Predicting Opportune Moments to Deliver Notifications in Virtual Reality. (CHI ’22)
- [C.5.] Ting-Wei Wu, Yu-Ling Chien, Hao-Ping Lee, **Yung-Ju Chang***. 2021. IM Receptivity and Presentation-type Preferences among Users of a Mobile App with Automated Receptivity-status Adjustment. (CHI ’21)
- [C.6.] Chia-En Chiang, Yu-Chun Chen, Fang-Yu Lin, Felicia Feng, Hao-An Wu, Hao-Ping Lee, Chang-Hsuan Yang, **Yung-Ju Chang***. 2021. “I Got Some Free Time”: Investigating Task-execution and Task-effort Metrics in Mobile Crowdsourcing Tasks. (CHI ’21)
- [C.7.] Tzu-Chieh Lin, Yu-Shao Su, Emily Yang, Yun Han Chen, Hao-Ping Lee, and **Yung-Ju Chang***. 2021. “Put it on the Top, I’ll Read it Later”: Investigating Users’ Desired Display Order for Smartphone Notifications. (CHI ’21)
- [C.8.] Yu-Lin Chang, Hao-Ping Lee, **Yung-Ju Chang***, Chih-Ya Shen, Inviting Participants’ Peers in a Mobile Assessment Study: An Empirical Investigation. 2021. (MobileHCI ’21) [In press]
- [C.9.] Li-Hsing Zheng, Yao-Zhen Kuo, Jui Lo, **Yung-Ju Chang**, and Yu-Shuen Wang* 2021. Making Meals Both Appealing and Healthy: A Food Presentation Simulation System (C&C ’21)
- [C.10.] Pin-Yu Chen, Yu-Hsiu Chen, Hong-Han Shuai* and **Yung-Ju Chang**. 2021. Self-Attentive Recommendation system for multi-source review Package (IJCNN ’21)
- [C.11.] Ching-Yu Hsieh, Yi-Shyuan Chiang, Hung-Yu Chiu, and **Yung-Ju Chang***. 2020. Bridging the Virtual and Real Worlds: A Preliminary Study of Messaging Notifications in Virtual Reality. In Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems (CHI ’20), 1–14.

- [C.12.] Chi-Hsun Li, Su-Fang Yeh, Tang-Jie Chang, Meng-Hsuan Tsai, Ken Chen, and **Yung-Ju Chang***. 2020. A Conversation Analysis of Non-Progress and Coping Strategies with a Banking Task-Oriented Chatbot. In Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems (CHI '20), 1–12.
- [C.13.] Yi-Shyuan Chiang, Ruei-Che Chang, Yi-Lin Chuang, Shih-Ya Chou, Hao-Ping Lee, I-Ju Lin, Jian-Hua Jiang Chen, and **Yung-Ju Chang***. 2020. Exploring the Design Space of User-System Communication for Smart-home Routine Assistants. In Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems (CHI '20), 1–14.
- [C.14.] **Yung-Ju Chang***, Yi-Ju Chung, and Yi-Hao Shih. 2019. I Think It's Her: Investigating Smartphone Users' Speculation About Phone Notifications and Its Influence on Attendance. In Proceedings of the 21st International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI '19), 14:1–14:13. **[Honorable Mention Award for Best Paper]**
- [C.15.] Hao-Ping Lee, Kuan-Yin Chen, Chih-Heng Lin, Chia-Yu Chen, Yu-Lin Chung, **Yung-Ju Chang***, and Chien-Ru Sun. 2019. Does Who Matter?: Studying the Impact of Relationship Characteristics on Receptivity to Mobile IM Messages. In Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems (CHI '19), 526:1–526:12.
- [C.16.] Albert Budi Christian, Cheng-Wei Wu, Wan-Hsun Hu, **Yung-Ju Chang**, and Yu-Chee Tseng. 2019. A New Online Charging System Based on Context of Mobile Users. In 2019 IEEE International Conference on Consumer Electronics - Taiwan (ICCE-TW), 1–2.
- [C.17.] Kuan-Ting Ho, Chung-Ta King, Bhaskar Das, and **Yung-Ju Chang**. 2018. Characterizing display QoS based on frame dropping for power management of interactive applications on smartphones. In 2018 Design, Automation Test in Europe Conference Exhibition (DATE), 873–876.
- [C.18.] Hou-Ning Hu, Yen-Chen Lin, Ming-Yu Liu, Hsien-Tzu Cheng, **Yung-Ju Chang**, and Min Sun. 2017. Deep 360 Pilot: Learning a Deep Agent for Piloting through 360° Sports Videos. In 2017 IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 1396–1405.
- [C.19.] Yen-Chen Lin, **Yung-Ju Chang**, Hou-Ning Hu, Hsien-Tzu Cheng, Chi-Wen Huang, and Min Sun. 2017. Tell Me Where to Look: Investigating Ways for Assisting Focus in 360 Video. In Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems (CHI '17), 2535–2545.
- [C.20.] **Yung-Ju Chang**, Gaurav Paruthi, and Mark W. Newman. 2015. A field study comparing approaches to collecting annotated activity data in real-world settings. In Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp '15)
- [C.21.] **Yung-Ju Chang** and John C. Tang. 2015. Investigating Mobile Users' Ringer Mode Usage and Attentiveness and Responsiveness to Communication. In Proceedings of the 17th International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI '15), 6–15.

- [C.22.] **Yung-Ju Chang** and Mark W. Newman. 2015. Making Local Information More Accessible: A Diary Study of Information Channel Selection of Mobile Users. In Proceedings of the Third International Symposium of Chinese CHI (Chinese CHI '15).
- [C.23.] **Yung-Ju Chang**, Pei-Yao Hung, and Mark Newman. 2012. TraceViz: “Brushing” for Location Based Services. In Proceedings of the 14th International Conference on Human-computer Interaction with Mobile Devices and Services (MobileHCI '12), 345–348

Journal Papers

- [J.1.] Sandrine Müller, Joseph Bayer, Morgan Quinn Ross, Jerry Mount, Clemens Stachl, Gabriella M. Harari, **Yung-Ju Chang**, and Huyen T. K. Le. 2021. Analyzing GPS Data for Psychological Research: A Tutorial. *Advances in Methods and Practices in Psychological Science*.
- [J.2.] Ping-Jung Duh, Yu-Cheng Sung, Liang-Yu Fan Chiang, **Yung-Ju Chang**, and Kuan-Wen Chen*. 2020. V-Eye: A Vision-based Navigation System for the Visually Impaired. *IEEE Transactions on Multimedia*: 1–1.
- [J.3.] **Yung-Ju Chang***, Chu-Yuan Yang, Ying-Hsuan Kuo, Wen-Hao Cheng, Chun-Liang Yang, Fang-Yu Lin, I-Hui Yeh, Chih-Kuan Hsieh, Ching-Yu Hsieh, and Yu-Shuen Wang. 2019. Tourgether: Exploring Tourists’ Real-time Sharing of Experiences as a Means of Encouraging Point-of-Interest Exploration. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies* 3, 4: 128:1–128:25. (IMWUT 2019)
- [J.4.] Marisa Meyer, Victoria Adkins, Nalingna Yuan, Heidi M. Weeks, **Yung-Ju Chang**, and Jenny Radesky. 2019. Advertising in Young Children’s Apps: A Content Analysis. *Journal of Developmental & Behavioral Pediatrics* 40, 1: 32.
- [J.5.] Gaurav Paruthi, Shriti Raj, Seungjoo Baek, Chuyao Wang, Chuan-che Huang, **Yung-Ju Chang**, and Mark W. Newman. 2018. Heed: Exploring the Design of Situated Self-Reporting Devices. *Proc. ACM Interact. Mob. Wearable Ubiquitous Technol.* 2, 3: 132:1–132:21.
- [J.6.] Nalingna Yuan, Heidi M. Weeks, Rosa Ball, Mark W. Newman, **Yung-Ju Chang**, and Jenny S. Radesky. 2019. How much do parents actually use their smartphones? Pilot study comparing self-report to passive sensing. *Pediatric Research*: 1.
- [J.7.] Pei-Ying Chiang, Han-Yu Chang, and **Yung-Ju Chang**. 2018. PotteryGo: A Virtual Pottery Making Training System. *IEEE Computer Graphics and Applications* 38, 2: 74–88.
- [J.8.] Chih-Hsiang Hsu, Chia-Lun Ku, **Yung-Ju Chang**, Yu-Shuen Wang, Uyn-Dinh Trân, Wen-Hao Cheng, Chu-Yuan Yang, Ching-Yu Hsieh, and Chun-Cheng Lin. 2018. iTour: Making Tourist Maps GPS-Enabled. *Proc. ACM Interact. Mob. Wearable Ubiquitous Technol.* 1, 4: 139:1–139:27. (IMWUT 2018)
- [J.9.] **Yung-Ju Chang**, Gaurav Paruthi, Hsin-Ying Wu, Hsin-Yu Lin, and Mark W. Newman. 2017. An investigation of using mobile and situated crowdsourcing to collect annotated travel activity data in real-world settings. *International Journal of Human-Computer Studies* 102: 81–102. (IJHCS 2017)

Poster, Late-Breaking, Demo, and Presentations

- [P.1.] Morgan Q. Ross, Joseph B. Bayer*, Lisa Rhee, Ivory Potti, **Yung-Ju Chang**. Tracking the Temporal Flows of Mobile Communication in Daily Life, International Communication Association, (ICA '22) [**Top Paper Award**]
- [P.2.] Chung Chiao Chang, Meng-Hsin Wu, Yu-Jen Lee, XiJing Chang, and **Yung-Ju Chang***. 2021. Opportune Moments for the Multi-Stage Notification Responding Process: A Preliminary Investigation. In Adjunct Proceedings of the 2021 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2021 ACM International Symposium on Wearable Computers (UbiComp '21), 9–10.
- [P.3.] Yu-Chun Chen, Keui-Chun Kao, Yu-Jen Lee, Faye Shih, Wei-Chen Chiu, and **Yung-Ju Chang***. 2021. Killing-Time Detection from Smartphone Screenshots. In Adjunct Proceedings of the 2021 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2021 ACM International Symposium on Wearable Computers (UbiComp '21), 15–16.
- [P.4.] Ping-Ju Huang, Chia-Chen Wu, Yu-Hsin Lai, Chen-Chin Lin, and **Yung-Ju Chang***. 2021. Poster: I'm Interested, but Can/Would Only Skim It: Studying Smartphone Users' Receptivity to News Notifications. In Adjunct Proceedings of the 2021 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2021 ACM International Symposium on Wearable Computers (UbiComp '21), 32–33.
- [P.5.] Jian Hua Jiang Chen, Ming Yen Yeh, Chen-Chin Lin, **Yung-Ju Chang***, Wan-Yun Yu, and Rebecca Ping Yu. 2021. Occurrence and Triggers of Mobile News Exposure: A Screenshot-Based ESM Study. In Adjunct Proceedings of the 2021 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2021 ACM International Symposium on Wearable Computers (UbiComp '21), 13–14.
- [P.6.] Jin-An Lin, Feng-Yi Hsu, Hsin-Yu Yao, Shang-Hsun Lu, Tsai-Yu Kuo, Chieh-Kai Lin, and **Yung-Ju Chang***. 2021. SYNC: A Crowdsourcing Platform for News Co-editing. In Companion Publication of the 2021 Conference on Computer Supported Cooperative Work and Social Computing (CSCW '21), 126–129.
- [P.7.] Kung-Pai Lin, Hao-Ping (Hank) Lee, Yu-Ling Chou, Faye Shih, and **Yung-Ju Chang***. 2021. Distinguishing IM Communication Patterns with Relationship and Conversation Topics. In Companion Publication of the 2021 Conference on Computer Supported Cooperative Work and Social Computing (CSCW '21), 121–125.
- [P.8.] Meng-Hsin Wu, Su-Fang Yeh, XiJing Chang, and **Yung-Ju Chang***. 2021. Exploring Users' Preferences for Chatbot's Guidance Type and Timing. In Companion Publication of the 2021 Conference on Computer Supported Cooperative Work and Social Computing (CSCW '21), 191–194.
- [P.9.] Yu-Wei Yang, Chieh Hsu, Hsin-Chien Tung, Hong-Han Shuai and **Yung-Ju Chang***. (2021). Tell Me When Users Leave: Predicting Users' Abandonment of A Task-Oriented Chatbot Service using Explainable Deep Learning (CUI EA '21)
- [P.10.] Hsiu-Chi Chang, **Yung-Ju Chang***, Mark W. Newman, and Chih-Hsin Lin. 2020. Combining Participatory and ESM: A Hybrid Approach to Collecting Annotated Mobility

Data. In *Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing Systems (CHI EA '20)*, 1–7.

- [P.11.] Tang-Jie Chang, Jian-Hua Jiang Chen, Hao-Ping Lee, and Yung-Ju Chang*. 2020. A preliminary attempt of an intelligent system predicting users' correctness of notifications' sender speculation. In *Adjunct Proceedings of the 2020 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2020 ACM International Symposium on Wearable Computers (UbiComp-ISWC '20)*, 13–16.
- [P.12.] Chia-En Chiang, Yung-Ju Chang*, and Felicia Feng. 2020. Effects of activity breakpoints on mobile crowdsourcing task performance. In *Adjunct Proceedings of the 2020 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2020 ACM International Symposium on Wearable Computers (UbiComp-ISWC '20)*, 21–24.
- [P.13.] Piotr Kotlinski, Xi-Jing Chang, Yang Chih-Yun, Wei-Chen Chiu, and Yung-Ju Chang*. 2020. Using gamification to create and label photos that are challenging for computer vision and people. In *Adjunct Proceedings of the 2020 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2020 ACM International Symposium on Wearable Computers (UbiComp-ISWC '20)*, 59–62.
- [P.14.] Ting-Yu Kuo, Hung-Kuo Chu, and Yung-Ju Chang. 2020. Comparing the effects of reference-based, orientation-based, and turn-by-turn navigation guidance on users' independent navigation. In *Adjunct Proceedings of the 2020 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2020 ACM International Symposium on Wearable Computers (UbiComp-ISWC '20)*, 63–66.
- [P.15.] Tzu-Chieh Lin, Yu-Shao Su, Emily Yang, Yun Han Chen, Hao-Ping Lee, and Yung-Ju Chang*. 2020. A preliminary investigation of the mismatch between attendance order and desired display order of smartphone notifications. In *Adjunct Proceedings of the 2020 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2020 ACM International Symposium on Wearable Computers (UbiComp-ISWC '20)*, 71–74.
- [P.16.] Yu-Lin Chang, **Yung-Ju Chang**, and Chih-Ya Shen. 2019. She is in a Bad Mood Now: Leveraging Peers to Increase Data Quantity via a Chatbot-Based ESM. In *Proceedings of the 21st International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI '19)*, 1–6. <https://doi.org/10.1145/3338286.3344406>
- [P.17.] Yu-Ling Chien, Ting-Wei Wu, and **Yung-Ju Chang***. 2019. Exploring the Design of Availability Status in Mobile IM Messaging with User Enactments. In *Proceedings of the 21st International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI '19)*, 1–6.
- [P.18.] Chi-Kai Ho, Chung-Ta King, and **Yung-Ju Chang**. 2019. SCQ: Stage-Based, Context-Aware, QoE-Driven Power Optimization for Interactive Applications on Mobile Devices. In *2019 20th IEEE International Conference on Mobile Data Management (MDM)*, 343–345.

- [P.19.]Hao-Ping Lee, Tilman Dingler, Chih-Heng Lin, Kuan-Yin Chen, Yu-Lin Chung, Chia-Yu Chen, and **Yung-Ju Chang**. 2019. Predicting Smartphone Users' General Responsiveness to IM Contacts Based on IM Behavior. In Proceedings of the 21st International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI '19), 1–6.
- [P.20.]Chi-Hsun Li, Ken Chen, and **Yung-Ju Chang**. 2019. When There is No Progress with a Task-Oriented Chatbot: A Conversation Analysis. In Proceedings of the 21st International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI '19), 1–6.
- [P.21.]Yu-Wei Wang, Tse-Yu Pan, **Yung-Ju Chang**, and Min-Chun Hu. 2019. Vibration Feedback Controlled by Intuitive Pressing in Virtual Reality. In 2019 IEEE International Conference on Artificial Intelligence and Virtual Reality (AIVR), 195–1953.
- [P.22.]Gaurav Paruthi, Shriti Raj, Ankita Gupta, Chuan-Che Huang, **Yung-Ju Chang**, and Mark W Newman. 2017. HEED: situated and distributed interactive devices for self-reporting. In Proceedings of the 2017 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2017 ACM International Symposium on Wearable Computers (UbiComp '17), 181–184.
- [P.23.]**Yung-Ju Chang**, Pei-Yao Hung, and Mark Newman. 2012. TraceViz: “Brushing” for Location Based Services. In Proceedings of the 14th International Conference on Human-computer Interaction with Mobile Devices and Services (MobileHCI '12), 345–348.
- [P.24.]**Yung-Ju Chang**, Lezhong Li, Shih-Hsuan Chou, Min-Chih Liu, and Surong Ruan. 2013. Xpress: Crowdsourcing Native Speakers to Learn Colloquial Expressions in a Second Language. In CHI '13 Extended Abstracts on Human Factors in Computing Systems (CHI EA '13), 2555–2560.
- [P.25.]**Yung-Ju Chang** and Mark W. Newman. 2012. Understanding How Trace Segmentation Impacts Transportation Mode Detection. In Proceedings of the 2012 ACM Conference on Ubiquitous Computing (UbiComp '12), 625–626.
- [P.26.]Ming Jiang, Tao Dong, and **Yung-Ju Chang**. 2011. Structure and Reciprocity in Technology-Centered Q&A Communities. In Fifth International AAAI Conference on Weblogs and Social Media. Retrieved December 24, 2015 from

Workshop Papers

- [W.1.]I.Yi-Hao Shih, Tang-Jie Chang, Jian-Hua Jiang Chen, Hao-Ping Lee, and **Yung-Ju Chang***. 2020. A preliminary study of an intelligent system facilitating selective notification attendance on smartphones via alert assistance. In Adjunct Proceedings of the 2020 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2020 ACM International Symposium on Wearable Computers (UbiComp-ISWC '20), 468–473.

- [W.2.] Hao-Ping Lee, Kuan-Yin Chen, Chih-Heng Lin, and **Yung-Ju Chang***. 2019. Connecting IM pattern and selective perceived responsiveness to relationship: a cluster-based approach. In Adjunct Proceedings of the 2019 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2019 ACM International Symposium on Wearable Computers (UbiComp/ISWC '19 Adjunct), 1070–1074.
- [W.3.] **Yung-Ju Chang***, Yi-Ju Chung, Yi-Hao Shih, Hsiu-Chi Chang, and Tzu-Hao Lin. 2017. What do smartphone users do when they sense phone notifications? In Proceedings of the 2017 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2017 ACM International Symposium on Wearable Computers (UbiTtention'17 in UbiComp 2017), 904–909. **[Best Paper Award]**
- [W.4.] Kuan-Yin Chen, Hao-Ping Lee, Chih-Heng Lin, and **Yung-Ju Chang***. 2017. Who matters: a closer look at interpersonal relationship in mobile interruptibility. In Proceedings of the 2017 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2017 ACM International Symposium on Wearable Computers (UbiTtention'17 in UbiComp 2017), 910–915.
- [W.5.] **Yung-Ju Chang**, Gaurav Paruthi, and Mark W. Newman. 2015. Challenges in Using Wearable Cameras and Phone Logs to Generate Ground Truth of Transportation Activities. In Adjunct Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2015 ACM International Symposium on Wearable Computers (UbiComp/ISWC'15 Adjunct), 1361–1366.
- [W.6.] **Yung-Ju Chang**, and John Tang. Investigating Mobile Users' Ringer Mode Usage and Attentiveness and Responsiveness to Incoming to Communication. *Taiwan Computer-Human Interaction 2015 (TAICHI 2015)* **[Honorable Mention Paper Award]**
- [W.7.] **Yung-Ju Chang**, and Mark W. Newman. Understanding Active Mobile Users' Choice of Information Channels to Address Information Needs. *In Proceedings of the 14th International Conference on Human Computer Interaction with Mobile Devices and Services (Mobility and Web Behavior in MobileHCI '12)*

Research Grant

- [1] 探索與發展收集與播放高品質標註使用者行為資料之方法與平台—以開發情境感知系統為目的 (No. 106-2221-E-009 -141, PI), 2016
- [2] 連結虛擬與現實: 虛擬世界之智慧通知服務系統之研究與設計 (No. 105-2218-E-009 -035, PI), 2017
- [3] 數位金融資料中研發多維度數位金融魔方探勘技術與應用--數位金融資料中研發多維度數位金融魔方探勘技術與應用 (No. 106-3114-E-009 -010, Co-PI), 2017
- [4] 『注意力中心之社群運算』: 建立資訊接受度感知之行動通知與電腦媒介溝通系統 (No. 107-2218-E-009 -030 -MY3, Co-PI), 2018

[5] 雲運算技術與服務產學聯盟 (No. 1109-2218-E-009 -016, Co-PI), 2019

[5] 數位金融資料中研發多維度數位金融魔方探勘技術與應用 (No. 108-3011-F-011 -001, Co-PI), 2020

[5] 輔助視障者公車搭乘計畫—服務體驗設計與開發--輔助視障者公車搭乘計畫—服務體驗設計與開發 (No. 108-3011-F-011 -001, Co-PI), 2019

[6] 事件偵測追蹤與文字可信度辨識技術開發 (No. 109-2221-E-009 -097, Co-PI), 2020

[7] 探索跨裝置智慧通知系統傳送數位內容通知之適切時機 (No. 110-2222-E-A49 -008 -MY3), 2021

Professional Services

ACM Asia SIGCHI Steering Committee (ASC) 2022

ACM CSCW 2022, Industry and Sponsor Co-Chairs

AAAI HCOMP 2021 Industry and Sponsor Co-Chairs

ACM CHI 2020 Program Committee

ACM MobileHCI 2019, Local Arrangement Co-Chairs

ACM TVX 2018, Workshop Co-Chairs

IEEE NOMS 2018, Local Arrangement Co-Chairs & Webmaster Co-Chairs

ACM Group 2018, 2019, 2020, 2021 Program Committee

Taichi 2018, Program Co-Chairs

Chinese CHI 2017, Publication Co-Chairs & Program Committee

Taichi 2017, Program Co-Chairs, & Program Committee

Taichi 2016, Poster Co-Chairs, & Program Committee

Chinese CHI 2014, Poster Co-Chairs