




**CHIA-MING CHANG** Ph.D. 張家銘

[info@chiamingchang.com](mailto:info@chiamingchang.com)  
[www.chiamingchang.com](http://www.chiamingchang.com)

Chia-Ming Chang is an interaction designer and researcher with experiences in . Currently, he is a postdoctoral researcher in IGARASHI Lab at The University of Tokyo. Formerly, he was a visiting researcher in Media Lab Helsinki at Aalto University (2015-2016). He obtained his PhD in Interaction Design from Nottingham Trent University in 2016. His PhD research 'Talk2Me' won A' Design Award & Competition 2015 and shortlisted in IxDA Award 2015 and iF Student Design Award 2015. This research also won the UK Santander Scholarship to present at ICCMTD 2015. He received a MA from University of the Arts London and a BA from National Taiwan University of Arts. He currently looks at interaction design for autonomous cars and smartphones.

Research Interests:

- Interaction Design (User Interface & User Experience)
- User-Centered Design & Participatory Design
- Practice-based Research & Research Through Design

## EDUCATION

- Nottingham Trent University, UK, 2016  
**PhD Interaction Design** (PhD Scholarship Award)
- University of the Arts London, UK, 2006  
**MA Interactive Media**
- National Taiwan University of Arts, Taiwan, 2002  
**BA Visual Communication Design**

## EMPLOYMENT

- IGARASHI Lab, The University of Tokyo, Japan (2016-present)  
**Postdoctoral Researcher**
- Media Lab Helsinki, Aalto University, Finland (2015-2016)  
**Visiting Researcher**
- Nottingham Trent University, UK (2011-2016)  
**Doctoral Researcher & Designer / PhD Candidate**
- National Taiwan University of Art, Taiwan (2008-2010)  
**Research Fellow**
- Jollywiz Digital Technology Co., Ltd., Taiwan (2006-2008)  
**Product Supervisor**
- J & S Business Info. Inc., Taiwan (2003-2005)  
**Senior Web Designer**
- The Far East Book Company, Taiwan (2002-2003)  
**Multimedia Designer**

## PUBLICATIONS

- **C. M. Chang**, K.Toda, D. Sakamoto and T. Igarashi, 2017, Eyes on a Car: an Interface Design for Communication between an Autonomous Car and a Pedestrian. The 9th ACM International Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI 2017), Oldenburg, Germany, 24-27 September 2017 [**Conference Paper**] (Accepted)
- **C. M. Chang**, 2016, Influences of New Media Communication on the Deaf/Hard of Hearing as reflected in Interaction Design, Nottingham Trent University, Nottingham, UK. September 2016 [**Ph.D. Thesis**]
- **C. M. Chang**, 2015, Innovation of A Smartphone App Design as used in Face-to-face Communication for Deaf/Hard of Hearing. Online Journal of Art and Design, Volume: 3, Issue: 4, October 2015, pp. 1-16. (ISSN: 2301 - 2501) [**Journal Paper**]

- **C. M. Chang**, 2015, Innovation of A Smartphone App Design as used in Face-to- face Communication for Deaf/Hard of Hearing. In Proceedings of the 4th International Conference on Communication, Media, Technology and Design (ICCMTD), Dubai, United Arab Emirates, 16th-18th May 2015 [**Conference Paper**]
- **C. M. Chang**, 2014, New Media, New Technologies and New Communication Opportunities for Deaf/Hard of Hearing People. Online Journal of Communication and Media Technologies, Special Issue – October 2014, pp. 38-52. (ISSN: 1986-3497) [**Journal Paper**]
- **C. M. Chang**, 2014, New Media, New Technologies and New Communication Opportunities for Deaf/Hard of Hearing People. In Proceedings of the 3rd International Conference on Communication, Media, Technology and Design (ICCMTD), Istanbul, Turkey, 24<sup>th</sup> April 2014 [**Conference Paper**]

#### RESEARCH DEMONSTRATIONS

- "Talk2Me" + "Granny+", Yle TV, Finland, 25th January 2016
- Granny+: An Effortless Smartphone Keyboard for the Elderly, Media Lab Helsinki, Aalto University, Finland, 14th January 2016
- Talk2Me: A Novel Communication App for Deaf/Hard of Hearing People in Face-to-face Communication, Xmas Demo Day, Media Lab Helsinki, Aalto University, Finland, 15th December 2015

#### AWARDS / ACHIEVEMENTS

- Red Dot Award: Design Concept 2017, Eyes on a Car, Shortlisted, 2017
- A' Design Award & Competition 2015, Silver A' Design Award Winner, 2015
- iF Student Design Award 2015, Shortlisted (300 from 12000), 2015
- IxDA Interaction Awards 2015, Shortlisted, 2015
- Santander Mobility Scholarship Award. Santander Bank/Nottingham Trent University, UK, 2015
- PhD Scholarship Award. Ministry of Education Republic of China, Taiwan, 2011-2013
- SKY TV Project Collaboration, University of the Arts London, 2006
- 2004 Best Government Website Award, Taiwan, 2004
- 12th Times Advertising Award, Poster Quality Award, Taiwan, 2003
- 12th Times Advertising Award, Poster Honorable Mention, Taiwan, 2003
- 2nd AIDS Posters Activities Competition, Poster Quality Award, Taiwan, 2001

#### CERTIFICATES

- Teaching in Higher Education Certificate, Nottingham Trent University, UK, 2015
- Research Practice Postgraduate Certificate, Nottingham Trent University, UK, 2013
- Effective Researcher for Postgraduate Researchers Certificate, Nottingham Trent University, UK, 2011
- Ministry of Education E-Learning Designer Certificate, Taiwan, 2009

#### REFEREES

##### **Dr. Takeo Igarashi**

Professor in Igarashi Lab, Department of Computer Science, The University of Tokyo, Japan

Email: [takeo@acm.org](mailto:takeo@acm.org)

##### **Dr. Lily Diaz-Kommonen**

Professor in Media Lab Helsinki, Department of Media, Aalto University, Finland

Email: [lily.diaz@aalto.fi](mailto:lily.diaz@aalto.fi)

##### **Dr. David Downes**

Senior Lecturer (Assistant Professor) in Interaction Design, Nottingham Trent University, United Kingdom

Email: [david.downes02@ntu.ac.uk](mailto:david.downes02@ntu.ac.uk)

##### **Dr. Wei-Chung Chang**

Associate Professor in Multimedia and Animation Arts, National Taiwan University of Arts, Taiwan

Email: [t0257@ntua.edu.tw](mailto:t0257@ntua.edu.tw)

For more details, please visit my website at [www.chiamingchang.com](http://www.chiamingchang.com)