

Paul Haimes

Curriculum vitae (abridged)

AIST, Central 1, 1-1-1 Umezono
Tsukuba, Ibaraki, Japan 305-8560
✉ paulhaimes@acm.org
🌐 www.haimes.jp

Recent professional experience

- 2017-present **Postdoctoral Research Scientist**, *National Institute of Advanced Industrial Science and Technology (AIST)*, Tsukuba, Japan.
Currently employed as a postdoctoral research scientist in Masataka Goto's Media Interaction Group at the Information Technology Research Institute, AIST. In this role I am creating novel applications involving music information.
- 2015-2017 **Postdoctoral Researcher**, *Tokyo Metropolitan University*, Tokyo, Japan.
Employed as a postdoctoral researcher in the Faculty of System Design, based in Associate Professor Tetsuaki Baba's research lab. In this role I explored novel applications and devices for presenting hazard information to the public. This position was funded by the Japan Society for the Promotion of Science. I also assisted in teaching Product Design F unit to master students.
- 2015 **Sessional Academic**, *Edith Cowan University*, Mt Lawley, Australia.
Employed by Edith Cowan University as a Sessional Academic, tutoring and lecturing. In this role I taught the following subjects:
 - DES2103 Desktop Publishing
 - VIS4310 What is Design For?

Education

- 2012-2015 **PhD**, *Edith Cowan University*, Mt Lawley, Australia.
PhD in Digital and Interaction Design. School of Communications and Arts.

Recent research activities

Journal and Magazine Articles

- 2016
 - Haimes, P., Medley, S. & Baba, T. *A Pattern Language: Designing a Hazard Information Map Interface for Community-based Users*. International journal of Asia digital art and design, 20(1), 5-13.
 - Haimes, P., Medley, S., Brady, D. & Baba, T. *Exploring Community Attitudes Towards Sharing of Bushfire Information Online*. Journal of Disaster Research, 11(3), 552-558.
 - Watanabe, S., Haimes, P., Baba, T. & Kushiyama, K. *Braille Pad Project: Proposal of a Braille Education Support System using a Tablet Device*. International journal of Asia digital art and design, 20(2), 35-40.
 - Hidaka, S., Baba, T. & Haimes, P. *IndexAccess: A GUI Movement System by Back-of-Device Interaction for One-Handed Operation on a Large Screen Smartphone*. International journal of Asia digital art and design, 20(2), 41-47.
 - Haimes, P. *Zen and the art of website maintenance*. ACM Interactions, 23(1), 20-21.

Thesis

- 2015
 - Haimes, P. *Designing for communities in bushfire-prone situations: Redesigning the FireWatch website interface*. (PhD), Edith Cowan University, Australia.

Conference papers and presentations

- 2017
- Haimes, P., Baba, T., Suda, H., & Kushiyama, K. *Fuji-chan: A unique IoT ambient display for monitoring Mount Fuji's conditions*. Paper presented at the 8th ACM Multimedia Systems Conference (MMSys'17), Taipei, Taiwan.
 - Ono, K., Baba, T., & Haimes, P. *Textile++ : Low Cost Textile Interface Using Principle of Resistive Touch Sensing*. Paper presented at ACM SIGGRAPH Conference, Los Angeles, USA (*Presenting in July 2017*).
- 2016
- Haimes, P., Baba, T., & Kushiyama, K. *Taifurin: Wind-Chime Installation As A Novel Typhoon Early Warning System*. Paper presented at ACE : 13th International Conference on Advances in Computer Entertainment Technology, Osaka, Japan.
 - Haimes, P., & Baba, T. *Katsukazan: An Intuitive iOS App For Informing People About Volcanic Activity in Japan*. Paper presented at ACM Symposium on Spatial User Interaction, Tokyo, Japan.
 - Yokomizo, Y., Kotegawa, T., Haimes, P., & Baba, T. *Switch++: An Output Device of the Switches by the Finger Gestures*. Paper presented at ACM Symposium on User Interface Software and Technology, Tokyo, Japan.
 - Nakanishi, K., Haimes, P., Baba, T., & Kushiyama, K. *NAKANISYNTH: An Intuitive Freeband Drawing Waveform Synthesiser Application for iOS Devices*. Paper presented at International Conference on New Interfaces for Musical Expression (NIME), Brisbane, Australia.
- 2015
- Haimes, P., Baba, T. & Medley, S. *Mobile map applications and the democratisation of hazard information*. Paper presented at SIGGRAPH Asia, Kobe, Japan.
 - Haimes, P., & Baba, T. *Mapping Hazards in Japan: Increasing the accessibility of geo-spatial hazard information*. Paper presented at ADADA (Asia Digital Art and Design Association), Tokyo (Musashino), Japan.
 - Haimes, P., & Baba, T. *Mapping Hazards in Japan: Increasing the accessibility of geo-spatial hazard information*. Paper presented at Nordcode, Jyväskylä, Finland.

Recent academic honours and awards

- 2015-2017
- Selected for a Postdoctoral Research Fellowship for Foreign Researchers by the Japan Society for the Promotion of Science.
 - Kakenhi research grant (Project number 15F15052) from the Japan Society for the Promotion of Science.

References

Dr Tetsuaki Baba (Postdoctoral research host)

Associate Professor
Tokyo Metropolitan University
Email: baba@tmu.ac.jp

Dr Stuart Medley (Principal PhD supervisor)

Associate Professor, and Associate Dean of Design, Media & Communications School
Edith Cowan University
Email: s.medley@ecu.edu.au