
AMY CHEN

achentextiles.com

EDUCATION

2018-2021(Expected) PhD, The Hong Kong Polytechnic University, Hong Kong S.A.R

Institute of Textiles and Clothing, Thesis Title: The design of tactile knitted e-textiles for interactive applications

2016-2017 M.A., Manchester Metropolitan University, Manchester, United Kingdom

Manchester Fashion Institute, Course: Fashion Innovation

2011-2015 B.A., University of Leeds, Leeds, United Kingdom

School of Design, Course: Textile Design

PUBLICATIONS

Published:

Chen, A., Tan, J., Henry P. & Tao X. (2019) *The design and development of an illuminated polymeric optical fibre (POF) knitted garment*, The Journal of The Textile Institute, Vol. 111, Issue 5, DOI: [10.1080/00405000.2019.1661937](https://doi.org/10.1080/00405000.2019.1661937)

Bai, V., Tan, J., **Chen, A.** & Ge, L. (2019), *Enhancing the wearability and accessibility of illuminated POF garment*, International Journal of Clothing Science and Technology, Vol. 32 Issue 2. DOI: [10.1108/IJCST-03-2019-0028](https://doi.org/10.1108/IJCST-03-2019-0028)

Tan, J., Bai, Z.Q., Ge, L., Shao, L., & **Chen, A.** (2019) *Design and fabrication of touch-sensitive polymeric optical fibre (POF) fabric*, The Journal of The Textile Institute, Vol. 110 Issue 11 DOI: [10.1080/00405000.2019.1606379](https://doi.org/10.1080/00405000.2019.1606379)

Accepted:

Tan, J. **Chen, A.** , Shao, L., Kim, H. & Ge, L., *Customisation of E-textiles Sensory Tools for People with Dementia*, The Design Journal

In revision:

Chen, A., Tan, J. & Henry, P., *Affordance as a critical perspective: the role of textile production tools in e-textile design*, Journal of Textile Design Research and Practice

Kim, H., **Chen, A.**, Tan, J., & Toomey, A., *Soft Switches for Multi-Sensory Environment*, Journal of Textile Design Research and Practice

AWARDS

2019 IFFTI Initiative awards – Research Student, \$2000 USD, International Foundation of Fashion Technology Institute (IFFTI) Conference 2019

CONFERENCE ACTIVITY

9-12 February 2020 Tangible, Embedded and Embodied Interaction (TEI) Conference, Sydney, Australia
Graduate Student Consortium attendee

8-12 April 2019 International Foundation of Fashion Technology Institute (IFFTI) Conference, Manchester, UK.

Paper presented: 'Style before technology: Rethinking the design process for E-textiles garments'

3-6 July 2018 Artificial Intelligence on Fashion and Textiles Conference,, Hong Kong S.A.R

Paper presented: 'Challenges in Knitted E-textiles'

TEACHING EXPERIENCE

2019 Teaching Assistant, Class: Foundations of Apparel Construction

PATENT

Tan, J., **Chen, A.**, "Illuminated knit fabric and illuminated apparatus", *China Utility Model Patent*, Application No. 201920218259.1, Filed on 21 February 2019

EXHIBITION

2019 Universal Materiality; The Hong Kong Museum of Medical Sciences, Hong Kong, December 2018 / Sheila C. Johnson Design Centre, New York. February 2019.

2018 Sensory Wall at Gerontech Innovation Expo /Summit. Hong Kong Convention and Exhibition Centre, Hong Kong. November 2018.

2018 CraftTech: Hybrid Frameworks for Smart Photonics Materials; The Hong Kong Museum of Medical Sciences, Hong Kong. March 2018

EXTRA TRAINING

2020 Basic R for Beginners Webinars

2018 Arduino Elementary Level Course

2018 Shima Seiki Basic Design Course

2017 TEFL Certification (120hr Training & 140hr Observed Teaching Practice)

SKILLS

3D CAD (Fusion 360)

FDM 3D printer operation and maintenance

Conversational Cantonese

PROFESSIONAL AFFILIATION

2020 Association For Computing Machinery Member