Curriculum Vitae

Personal information

- Full name: Tran Duc Chung
- Sex: Male
- Nationality: Vietnamese
- Email: chungtd6@fe.edu.vn
- Google Scholar: http://scholar.google.com/citations?user=vU0LgMcAAAAJ&hl=en

Employment

- 08/2019 - Present: FPT Technology Research Institute, Duy Tan, Cau Giay, Hanoi, Vietnam
- 01/2019 - Present: FPT University, Hanoi, Vietnam
- 11/2017 - 01/2019: DASAN Zhone Solutions, Vietnam
- 11/2016 - 11/2017: R&D Centre, Sony EMCS, Malaysia

Education

- 2018: PhD in Electrical & Electronic Engineering, UTP, Malaysia
- 2014: Electrical & Electronic Engineering Degree, UTP, Malaysia

Research Interest

- Natural Language Generation, Natural Language Processing
- Applied AI
- IoT

Grants

- 2014-2015: YUTP Grant - 0153AA-A74: Wireless Closed Loop Control Network for Process Control Application @ MYR 298,500d (~USD 100,000), UTP, Malaysia
    - Role: Research Assistant

Publication

Journal papers

1. T. D. Chung, R. Ibrahim, V. S. Asirvadam, N. Saad, and S. M. Hassan. Internal Model Control for Industrial Wireless Plant Using WirelessHART Hardware-in-the-loop Simulator. ISA Trans, vol 75, pp. 236-246, 2018.
2. T. D. Chung, R. B. Ibrahim, V. S. Asirvadam, N. B. Saad, and S. M. Hassan, “Adopting EWMA Filter on a Fast Sampling Wired Link Contention in WirelessHART Control System”, IEEE Transactions on Instrumentation & Measurements, vol. 65(4), pp. 836-845, 2016.

Conference papers

1. T.D. Chung and M.K.A. Ahamed Khan, “Effects of Soft-Masking Function on Spectrogram-based Instrument - Vocal Separation”, in Proc. PACLING, 2019.
2. X. Likun, C. Tran Duc, and K. A. Abu Kassim, "An automobile detection algorithm development for automated emergency braking system," in Proc. DAC, 2014, pp. 1-6.

Books

1. T. D. Chung, R. Ibrahim, V. S. Asirvadam, N. Saad, and S. M. Hassan, “Wireless HART: Advanced EWMA Filter Design for Industrial Wireless Networked Control Systems”, 1st ed. Taylor & Francis Group, LLC, 2017.