**Name**
Name: Ting Dang, (H-index: 17)

**Academic qualifications**

| From | To | University/college attended | Subject read | Qualification |
|---|---|---|---|---|
| 08/2014 | 06/2018 | University of New South Wales (UNSW) | Signal Processing & Machine Learning | PhD |
| 09/2012 | 03/2015 | Northwestern Polytechnical University | Signal Processing | M.Eng. |
| 09/2008 | 03/2012 | Northwestern Polytechnical University | Signal Processing | B.Eng. |

**Previous academic positions**

| From | To | Organisation and position held |
|---|---|---|
| 10/2022 | 12/2023 | Senior Research Scientist, Nokia Bell Labs, UK |
| 01/2021 | 10/2022 | Senior Research Associate, University of Cambridge, UK |
| 05/2018 | 12/2020 | Research Associate, University of New South Wales (UNSW), Australia |

**Present academic position**

| From | To | Organisation and position held |
|---|---|---|
| 03/2024 | Now | Senior Lecturer, University of Melbourne, Australia |

**Selected Professional Memberships**

| Date | Organisation and position held |
|---|---|
| 2016–present | Member, IEEE |
| 2021–present | Member, ACM |
| 2025–present | Editor, *Computer Speech and Language* |
| 2024–present | Editor, *IEEE Pervasive Computing* |
| 2023–present | Senior Program Committee Member, AAAI |
| 2025–present | Area Chair, ICASSP |

**Previous relevant research work (Funding History)**

1. Benchmarking Auditory Cognitive Reasoning in Audio-Language Models, (Amount: $85,000)
   Funder: Google Research Fund.
   Role: Lead PI 2026
2. AI Centre for the Empowerment of Human Learning, (Amount: $300,000)
   Funder: Norway National Centre for AI and Learning, 2026 – 2028
   Role: Co-PI.
3. Multi-site Human Study on Non-invasive Alcohol Detection using Smart Wearable Technology, (Amount: $36,000)
   Funder: WHG Fund 2025 – 2026
   Role: Co-PI.
4. Emotional Speech Generation for Intelligent Dialogue Systems, (Amount: ¥50,000)
   Funder: Wuhan University Collaborative Seed Grant 2025 - 2026
   Role: Lead PI.
5. Multimodal LLMs for Mobile Health, (Amount: $16,000)
   Funder: OpenAI Researcher Access Grant 2024
   Role: Lead PI.

6. EAR: Audio-based Mobile Health Diagnostics, (Amount: €2.5M)
   Funder: European Research Council 2019 – 2025
   Role: Participant.

7. Integrating biologically-inspired auditory models into deep learning, (Amount: $385,000)
   Funder: Australian Research Council 2019 – 2021
   Role: Participant.

**Publications (Section A - Five most representative publications in recent five years)**

1. Dong, J., Jia, H., Chatterjee, S., Ghosh, A., Bailey, J., **Dang, T. (Corresponding Author)** (2025). E-BATS: Efficient Backpropagation-Free Test-Time Adaptation for Speech Foundation Models. In *Advances in Neural Information Processing Systems* (NeurIPS), 2025.

2. Halim, J., Wang, S., Jia, H., **Dang, T. (Corresponding Author)** Token-Level Logits Matter: A Closer Look at Speech Foundation Models for Ambiguous Emotion Recognition. In *INTERSPEECH*, 2025.

3. **Dang, T. (First Author)**, Han, J.*, Xia, T.*, Bondareva, E., Brown, C., Chauhan, J., Grammenos, A., Spathis, D., Cicuta, P., Mascolo, C. (2023). Conditional Neural ODE Processes for Individual Disease Progression Forecasting: A Case Study on COVID-19. In *Proceedings of the ACM SIGKDD Conference on Knowledge Discovery and Data Mining* (KDD), 2023.

4. **Dang, T. (First Author)**, Spathis, D., Ghosh, A., Mascolo, C. (2023). Human-centered AI for mobile health sensing: challenges and opportunities. *Royal Society Open Science*. [**Featured in Special Collection**]

5. **Dang, T. (First Author)**, Han, J.*, Xia, T.*, Spathis, D., Bondareva, E., Brown, C., Chauhan, J., Grammenos, A., Hasthanasombat, A., Floto, A., Cicuta, P., Mascolo, C. (2022). Exploring Longitudinal Cough, Breath, and Voice Data for COVID-19 Disease Progression Prediction via Sequential Deep Learning. *Journal of Medical Internet Research*. [**Media Coverage**]

**Publications (Section B - Five representative publications beyond the recent five-year period)**

1. **Dang, T. (First Author)**, Sethu, V., Ambikairajah, E. (2018). Compensation Techniques for Speaker Variability in Continuous Emotion Prediction. *IEEE Transactions on Affective Computing*.

2. **Dang, T. (First Author)**, Sethu, V., Ambikairajah, E. (2018). Dynamic Multi-rater Gaussian Mixture Regression Incorporating Temporal Dependencies of Emotion Uncertainty Using Kalman Filters. In *Proceedings of the IEEE International Conference on Acoustics, Speech and Signal Processing* (ICASSP), 2018.

3. **Dang, T. (First Author)**, Sethu, V., Epps, J., Ambikairajah, E. (2017). An Investigation of Emotion Prediction Uncertainty Using Gaussian Mixture Regression. In *Proceedings of the Annual Conference of the International Speech Communication Association* (INTERSPEECH), 2017.

4. **Dang, T. (First Author)**, Stasak, B., Huang, Z., Jayawardena, S., Atcheson, M., Hayat, M., Le, P., Sethu, V., Goecke, R., Epps, J. (2017). Investigating Word Affect Features and Fusion of Probabilistic Predictions Incorporating Uncertainty in AVEC 2017. Proceedings of the 7th International Workshop on Audio/Visual Emotion Challenge, in conjunction with ACM MM, 2017

5. **Dang, T. (First Author)**, Sethu, V., Ambikairajah, E. (2016). Factor Analysis Based Speaker Normalisation for Continuous Emotion Prediction. In *Proceedings of the Annual Conference of the International Speech Communication Association* (INTERSPEECH), 2016.