Asian Trustworthy Machine Learning (ATML) Fellowships

We are advocating a new visiting research scholar scheme in the niche research of trustworthy machine learning, called Asian Trustworthy Machine Learning (ATML) Fellowships. Specifically, we will annually recruit 2-3 ATML Fellows (on a rolling basis), jointly hosted by Assistant Prof. Bo Han (HKBU, https://bhanml.github.io/) and Associate Prof. Tongliang Liu (USYD, https://tongliang-liu.github.io/). Each ATML Fellow will be awarded 60,000 HKD ATML Fellowships to conduct frontier research in Trustworthy Machine Learning.

Eligibility:

1. Working on theories, algorithms, systems in niche research of trustworthy machine learning (e.g., trustworthy deep learning, trustworthy foundation models),
2. Young assistant professor or qualified postdoc (e.g., graduation within 5 years),
3. Strong track records in the research of trustworthy machine learning (e.g., NeurIPS, ICML, ICLR, UAI, AISTATS, JMLR, PAMI, AIJ or equivalent venues).

Number of openings and duration:

1. Up to 3 scholars in 2023/24,
2. Normally 2 or 3 months in summer or winter (The duration and start date can be negotiated).

Support:

1. Full-time physical visiting in Hong Kong for two or three months (either summer or winter), and each fellow has 60,000 HKD fellowships (i.e., ATML Fellowships),
2. Top-tier research facilities, collaborators, and connections (e.g., GPU resources, talented students, academic leaders),
3. Recommendation to prominent research activities and academic groups,
4. Academic mentoring.

Contact:

1. Assistant Prof. Bo Han: bhanml@comp.hkbu.edu.hk
2. Associate Prof. Tongliang Liu: tongliang.liu@sydney.edu.au

Host:

1. Prof. Bo Han is an Assistant Professor in Machine Learning at Hong Kong Baptist University and a BAIHO Visiting Scientist at RIKEN AIP, where his research focuses on machine learning, deep learning, foundation models and their applications. He was a Visiting Faculty Researcher at Microsoft Research and a Postdoc Fellow at RIKEN AIP. He has co-authored two machine learning monographs by MIT Press and Springer Nature. He has served as Area Chairs of NeurIPS, ICML, ICLR, UAI and AISTATS. He has also served as Action Editors and Editorial Board Members of JMLR, MLJ, TMLR, JAIR and IEEE TNNLS. He received Outstanding Paper Award at NeurIPS, Outstanding Area Chair at ICLR, and Outstanding Associate Editor at IEEE TNNLS. He received the NSFC General Program, RGC Early CAREER Scheme, RIKEN BAIHO Award, Microsoft Research StarTrack Program, and Faculty Research Awards from Baidu, Alibaba and Tencent.

2. Prof. Tongliang Liu is the Director of Sydney AI Centre at University of Sydney, Australia; a Visiting Professor of University of Science and Technology of China, Hefei, China; a Visiting Scientist of RIKEN AIP, Tokyo, Japan; and a Visiting Associate Professor at Mohamed bin Zayed University of Artificial Intelligence, Abu Dhabi, United Arab Emirates. He has published more than 100 papers at leading ML/AI conferences and journals. He is regularly the meta-reviewer of ICML, NeurIPS, ICLR, UAI, IJCAI, and AAAI. He is the Action Editor of Transactions on Machine Learning Research, Associate Editor of ACM Computing Surveys, and in the Editorial Board of Journal of Machine Learning Research and the Machine Learning journal. He received the ARC DECRA Award in 2018, ARC Future Fellowship Award in 2022, and IEEE AI's 10 to Watch Award in 2023. He also received multiple faculty awards, e.g., from OPPO and Meituan.

Application:

Please write an email titled “Application for Asian Trustworthy Machine Learning (ATML) Fellowships” with your Curriculum Vitae to Prof. Han (bhanml@comp.hkbu.edu.hk) and Prof. Liu (tongliang.liu@sydney.edu.au). We will arrange the zoom interview for selected candidates and notify the results asap. All applications received before December 31st, 2023, will be given the priority consideration. Until the positions are filled, applications due will continue.