High-Impact Publication Guidelines

Ph.D. in Computing and Information Sciences

To fulfill the Ph.D. publication requirement, a Ph.D. student is required to be the primary author of at least one high-impact publication based on research during their Ph.D. studies before graduation from the Ph.D. program. This document provides the guidelines for a high-impact publication.

Note that there are additional methods for fulfilling the publication requirement, as documented in the Publication Requirement Policy. If another venue is considered as equivalent, the advisor of a student should provide a written justification to the Ph.D. Director for approval.

High-Impact Conference Paper

A high-impact conference paper must be a full-length original research paper published in the main or research track of the proceedings from a conference.

The conference should be ranked as A or A* in CORE, http://portal.core.edu.au/conf-ranks/, at the time of submission OR listed in the *Additional Conferences List* satisfying publication requirement which covers the qualified conferences that are either missing or incorrectly-ranked in CORE.
This *Additional Conferences List* will be maintained and updated by the Curriculum and Assessment Committee with input from PhD faculty.

High-Impact Journal Paper

A high-impact journal paper must be a full-length original research paper. The journal should ranked as A or A* in CORE, http://portal.core.edu.au/jnl-ranks/, at the time of submission OR listed in the *Additional Journals List* satisfying publication requirement which covers the qualified journals that are either missing or incorrectly-ranked in CORE.

This *Additional Journals List* will be maintained and updated by the Curriculum and Assessment Committee with input from PhD faculty.

Additional Conferences Satisfying Publication Requirement

Accessibility

W4A - Web for All Conference

Affective computing

ICMI - International Conference on Multimodal Interaction

Biomedical Applications

IPMI - Information Processing in Medical Imaging

Computation Theory

COCOON - International Computing and Combinatorics Conference

Electronic Design and Automation

DAC - Design Automation Conference
DATE – Design, Automation and Test in Europe

Computing Education Research

ICER - International Computing Education Research Conference

Mobile Computing and HCI

Mobile HCI - ACM International Conference on Mobile Human-Computer Interaction

Networking and Communication

NSDI - Networking System Design and Implementation

Robotics

ICRA - International conference on robotics and automation

Additional Journals Satisfying Publication Requirement

Accessibility Research

TACCESS - ACM Transactions on Accessible Computing
UAIS - Universal Access in the Information Society

Affective Computing

TAC - IEEE Transactions on Affective Computing

Artificial Intelligence in Computational Social Sciences

GEB - Games and Economic Behavior Journal (Elsevier)

Biomedical Applications

ANBE - Annals of Biomedical Engineering
MedIA - Medical Image Analysis
TBME - IEEE Transactions on Biomedical Engineering

Computer Architecture and/or VLSI

TVLSI - IEEE Transactions on VLSI

Computing Education Research

TOCE - ACM Transactions on Computing Education

Evolutionary Computation

ASOC - Applied Soft Computing
NECO - Neural Computation
NCOMMS - Nature Communications

Graphics

CGF - Computer Graphics Forum

Haptics

ToH - IEEE Transactions on Haptics

Natural Language and Speech Processing

TACL - Transactions of the Association for Computational Linguistics
TASLP – IEEE Transactions on Audio Speech and Language Processing

Modified in March, 2022

Networking and Wireless Communications

CCR - ACM Computer Communication Review
TWC - IEEE Transactions on Wireless Communications
JSAC - IEEE Journal on Selected Areas in Communications
TCOMM - IEEE Transactions on Communications

Signal Processing

TSP - IEEE Transactions on Signal Processing

Ubiquitous Computing

IMWUT - Proceedings of ACM on Interactive, Mobile, and Wearable Computing Technologies

Modified in March, 2022