Human-Engaged Computing

Project Leader

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Faculty Members Involved in this Project

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1. Objective

This project is aimed at:

Conducting *Human-Engaged Computing* (HEC) research. HEC is a new research area concerning synergized interaction between humans and technologies and seeks to leverage full capacities of both humans and technologies for the well-being of the global society. This project will carry out studies to design and develop interactive systems that promote full engagement, well-being, behavioral change and that support HCI researchers to innovate with progressive widening global awareness and relevance to considered human priorities.

2. Project Outline

To that end, the project will consist of the following phases:

(a) Undertake systematic literature reviews

(b) Design and develop interactive systems

(c) Conduct formal HCI evaluations

(d) Establish frameworks and guidelines

(e) Communicate findings, guidelines and encouraging perspectives to HCI practitioners

3. Expected Performance

In this project, the successful candidate would be expected to:

(a) Publish at least 2 research papers in top-tier HCI conferences (*ACM CHI*, *ACM UIST*) & journals (*ToCHI*, *HCI*)

(b) Assist the lab supervisor in research and management

(c) Assist in the supervision of Masters & Bachelor students

(d) Report project progress in meetings and update progress to the laboratory's website

4. Required Skills and Knowledge

The successful candidate for this project will have the following knowledge and skills:

(a) Strong background in HCI, Computer Science, Design, Psychology or Neuroscience

(b) Strong software development skills

(c) Strong communication ability and interpersonal skills

(d) Strong verbal and written English skills

(e) Ability to meet tight work deadlines

(f) Ability to work independently as well as in an international team

See our admission guidelines:

http://www.kochi-tech.ac.jp/kut_E/graduate/admission.html

See our lab website:

http://xrenlab.com/

http://hec.xrenlab.com/

http://xiangshiren.com/

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