

# 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:**

<https://www.kochi-tech.ac.jp/english/admission/ssp/guideline.html>

**See our lab website:**

<http://xrenlab.com/>

<http://hec.xrenlab.com/>

<http://xiangshiren.com/>

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