Postdoctoral Position in HCI, Specializing in Surface Computing to Support Collaboration

The Collaborative Interactions Lab (csl.uwaterloo.ca) at the University of Guelph and the University of Waterloo is seeking a talented and motivated postdoctoral fellow to conduct research on surface computing, specifically on large interactive displays, public displays, and multi-surface environments. We are primarily interested in human-computer interaction candidates who have expertise or interests in building and studying surface computing environments that support co-located small-group collaboration.

Project

This position will focus on investigating surface computing environments that support small-group collaboration, such as collaborative analysis and collaborative problem solving. The postdoctoral fellow (PDF) will join ongoing projects on surface computing investigating the impact of multi-surface computing systems on collaborative process. This role will involve hands-on qualitative and quantitative analysis of existing study data, as well as potential design, execution, and analysis of new surface computing systems and/or user studies based on the PDF's unique background and expertise. The PDF will contribute to the leadership of ongoing projects and have the opportunity to supervise graduate and undergraduate students. The PDF will also assist CSL Director, Dr. Stacey Scott, with the organization of the technical program of the ACM International Conference of Interactive Surfaces and Spaces (ISS) 2018, to be held in Tokyo, Japan in November 2018, with related travel opportunities, given budgetary approval.

Qualifications

A successful candidate has:

- a PhD in HCI, computer science, systems/computer engineering, or a related field
- experience (or strong interest in) in the areas of software development, collaborative analysis, and HCI research
- Track record of publication in high-quality venues related to human-computer interaction and/or computer-supported collaboration (in work, learning, or other group environments). Ability and willingness to design and execute independent scientific research articles.
- Proficient oral and written communications skills.
- Collaborates well in a team environment. Demonstrated supervisory skills.
- High motivation for research at the intersection of HCI and social sciences.

Start date is flexible. Position length is **1 year**, with potential for additional year given budget and performance.

Informal inquiries are welcome and may be made to Professor Stacey Scott (stacey.scott@uoguelph.ca).

To apply, please submit the following information to Stacey Scott with the subject line "PDF application": your CV, your research statement, a full list of publications, names and contact information of three references, and three selected publications (in PDF format).

Review of applications will begin immediately.