

WORKSHOP 3 - Supporting Awareness in Intense Distributed Collaboration

Tuesday, November 21st, 9:00 – 5:00

Claudia Schremmer (Workshop Chair, *primary contact*), CSIRO
Julien Epps, National ICT Australia
Rudi Vernik, Defense Science and Technology Organisation

Introduction

The growing ubiquity of computer processing power, storage and bandwidth has helped to stimulate increased interest in interface design and computer-mediated interaction in recent years. Concurrently, many technological solutions to essentially human problems are maturing to the point where their higher socio-psychological context is becoming the limiting factor. An example of this is real time collaboration between remote co-workers, where new telepresence and groupware solutions continue to close the gap between remote and co-located collaboration, but where an improved understanding of what types of cues are critical to preserve awareness between sites is still fundamentally required.

In this workshop, we will focus on the concept of awareness in intense distributed collaboration, applied to small teams of co-workers who share their knowledge and artefacts (e.g. documents, designs, plans) across two or more sites in a synchronous manner.

Objectives

This workshop aims to bring together researchers that have dealt with or are involved in studying, understanding, measuring, and interpreting awareness in technology-mediated collaborations. In the workshop we will discuss both:

- Theoretical and methodological awareness concepts, and
- Practical implications for designing and developing awareness tools.

Before tackling the practical implications of awareness for the design and development of tools, we need to critically ask how the translation from behavioural awareness evaluation findings can impact and influence system requirements and design solutions.

Call for Participation

Prospective participants are requested to submit a 3-4 page position statement, emailed to Claudia Schremmer, describing

- Their conceptual approach to supporting awareness in intense distributed collaboration and/or
- Details of a specific case study they have conducted that has implications for the topic of this workshop.

This is a means of ensuring that each participant has prepared their perspective on the topic in advance of attending the workshop. Authors of accepted position papers will be asked to prepare a poster presentation. The number of participants will be limited to around 20, to ensure a small group with lively interactions.

Key Dates

Position papers due: 19th October
Notifications: 30th October

Publication

Selected workshop participants may be invited to submit revised, extended full papers on their workshop contributions, for publication in a special edition of the Australian Computer Society Conferences in Research and Practice in Information Technology series.

Contact: Claudia Schremmer claudia dot schremmer at csiro dot au