

*** Intelligent User Interfaces – IUI-2011 ***
*** Palo Alto, CA, USA, 13-16 February 2011 ***
*** Call for workshop proposals ***

Background and Motivation

Workshops provide a forum for focused discussions on research topics of current interest. They offer an opportunity for researchers, practitioners, and users with similar interests to exchange ideas, share new findings, and brainstorm future directions.

We cordially invite proposals for half- or full-day workshops that address emerging new topics or new perspectives on current topics, pertinent to intelligent user interfaces. Researchers working on various areas within the IUI community are encouraged to submit proposals. The workshops will be held on **February 13, 2011**, the first day of the conference.

Submission Requirements

The length of the proposals is limited to 3 pages formatted according to the ACM style. The proposals should contain the following information to judge the importance, quality, and relevance for IUI:

1. General information

- Workshop title
- Name, affiliation, and email of each organizer
- Primary contact person

2. Motivation, objectives, and specific issues.

- Motivation: What is the topic of the workshop? How is the topic related to IUI? Why is the topic of particular interest at this time? If the workshop has been organized in the past, please provide details and describe why it should be held again and how improvements will be made.
- Objectives: What are the objectives that the workshop aims to achieve? Objectives may include (a) targeting predefined questions, (b) presenting alternate view on the topic, (c) identifying new research directions, and/or (d) establishing research collaborations.
- Specific issues on which the workshop will focus.

3. Potential participants and workshop publicity:

- Potential Participants: A brief discussion of why and to whom the workshop is of interest. State your estimate of the number of participants. If possible, give a list of tentatively confirmed participants.
- Workshop Publicity: Indicate how you plan to publicize the workshops and attract submissions and participants. If you plan to edit a book or a journal special issue as a result of your workshop, please indicate this.

4. Format:

- Describe the workshop format, including the planned activities (invite talk, plenary, poster, and discussion sessions, panels, demos) and how the activities address the workshop objectives. Preference will be given to proposals that spark discussions and interaction among participants. Provide a preliminary schedule. For a half-day workshop, plan for 3 hours with a coffee break. For a full-day workshop, plan for 6 hours with a lunch break and two coffee breaks.

5. Organization:

- Provide a one-paragraph bio for each organizer, describe their relevance to the workshop topics, and previous experience in organizing workshops or conferences.
- Provide names and affiliations of the program committee members, if available. The program committee should preferably include members from at least two institutions.

Workshop Topics

Topics of interest for IUI include all aspects of intelligent user interfaces. The topics include but are certainly not limited to the following:

- Intelligent interaction with devices
 - Intelligent interactions with handheld devices such as mobile phones, music and video players, GPS, cameras, electronic books, etc.
 - Sensor- and actuator systems for user interfaces
 - Location- and context aware information systems
 - Tangible interaction with smart artifacts
 - Ubiquitous displays environments
 - Smart environments
- Novel, intelligent interaction systems
 - Modeling and prediction of user behavior
 - Affective, social and aesthetic interfaces
 - Natural user interfaces including tangible computing and body computing
 - User-adaptivity in interactive systems
 - Personalization and recommender systems
 - Planning and plan recognition
- IUI design
 - Knowledge-based approaches to user interface design and generation
 - Proactive and agent-based paradigms for user interaction
 - Example-based and demonstration-based interfaces
 - Smart use of sensing technologies for IUI Design
- User studies
 - User studies concerning intelligent interfaces
 - Evaluation methods and evaluations of implemented intelligent user interfaces
 - Smart technologies for remote usability testing and experience sampling
- Processing of human-generated input
 - Recognition and interpretation of user input (face, body, speech, physiology, text)
 - Analysis of psychological user states, such as attention and affect
 - Analysis of conversational cues, such as grounding and turn taking
 - Intelligent sensing platforms
 - Synchronization and fusion of Multimodal Input
- Generation presentation of system output
 - Smart visualization tools
 - Intelligent authoring systems
 - Context-aware systems for the generation and presentation of situation-specific output (e.g., on mobile phones, portable tablet devices, wall-size displays, multi-touch screens, meeting accessibility criteria)
 - Synthesis of multimodal behavior for virtual characters and social robots
- Help intelligent assistants for complex tasks
 - Support for collaboration in multiuser environments
 - Intelligent information and knowledge management
- Novel trends, innovative solutions and applications
 - Novel sensing technologies for games and entertainment
 - Automotive user interfaces
 - Novel interaction methods for touch phones and multi touch surfaces

Review Criteria

The proposals will be reviewed and evaluated by the workshop chairs and the IUI-2011 organizing committee. The following criteria will guide the review: relevance to IUI, interest for the audience, quality, and organization.

Organizer Responsibilities

The organizers of accepted workshops are expected to:

- Define, produce, and distribute the call for papers (following deadlines and details provided by the workshop chairs).
- Solicit and review submissions, decide on the workshop program, and coordinate the number of submissions and accepted papers with the workshop chairs.
- Assure workshop participants are informed about their registration to IUI and the workshop.
- Set up and maintain the workshop website, which contains information about the workshop, the workshop materials (papers, presentations), and the outcomes summary.
- Produce a single PDF with the workshop material to allow printing and distribution of the proceedings.
- Attend and coordinate the workshop. At least one organizer of the workshop must register at early registration date.

Submission Dates and Details

Timeline for workshop proposal submissions:

Friday, July 16, 2010	Informal "intention to submit" email with general details
Friday, July 30, 2010	Formal proposal submission to the workshop chairs
Friday, August 20, 2010	Acceptance/rejection notification email
Sunday, February 13, 2011	IUI workshops date

Workshop proposals should be submitted to **workshops2011@iuiconf.org** with the subject **IUI-2011 Workshop Proposal**. PDF submissions are preferable.

IUI-2011 Workshop Chairs

Shlomo Berkovsky, CSIRO, Australia

Joyce Chai, Michigan State University, USA