



CALL FOR PAPERS

iui.acm.org/2017



University
of Cyprus

Submissions now open!

ACM IUI 2017 is the 22nd annual meeting of the intelligent interfaces community and serves as a premier international forum for reporting outstanding research and development on intelligent user interfaces.

The 22nd edition of the conference will be held in Limassol, Cyprus. Limassol (or Lemesos) is a multicultural bustling town, flanked by two ancient cities, Amathus and Kourion, and guarded by the Amathusian Aphrodite and Apollo Hylates. It is a town of great visual diversity and contrast from spectacular seafront views, historic places like the mediaeval Castle, and Byzantine churches. Along the 17 km long sandy beaches, two Marinas, world renowned 5 star hotels, and a most exciting dining, shopping, nightlife and yachting scene create a year-round vibrant lifestyle well beyond the expectations of a Mediterranean island.

ACM IUI is where the Human-Computer Interaction (HCI) community meets the Artificial Intelligence (AI), with contributions from related fields such as psychology, behavioral science, cognitive science, computer graphics, design or the arts. Our focus is to improve the interaction between humans and machines, by leveraging both more traditional HCI approaches, as well as solutions that involve state-of-the-art AI techniques such as machine learning, natural language processing, data mining, knowledge representation and reasoning. ACM IUI welcomes contribution from any relevant arena: academia, business, or non-profit organizations.

Why you should submit to ACM IUI:

At ACM IUI, we focus on the interaction between machine intelligence and human intelligence. While other conferences focus on one side or the other, we address the complex interaction between the two. We welcome research that explores how to make the interaction between computers and people smarter, which may leverage solutions from data mining, knowledge representation, novel interaction paradigms, and emerging technologies. We strongly encourage submissions that discuss research from both HCI and AI simultaneously, but also welcome works that focus more on one side or the other.

The conference brings together people from academia, industry and non-profit organizations and gives its participants the opportunity to present and see cutting-edge IUI work in a focused and interactive setting. It is large enough to be diverse and lively, but small enough to allow for extensive interaction among attendees and easy attendance to the events that the conference offers, ranging from oral paper presentations, poster sessions, workshops, panels and doctoral consortium for graduate students.

Examples of ACM IUI topics of interest include, but are not limited to:

- Intelligent visualization tools
- User-Adaptive interaction and personalization
- Recommender systems
- Intelligent wearable, mobile and ubiquitous interfaces
- Modeling and prediction of user behavior
- Information retrieval and search
- Education and learning-related technologies
- Social media analysis
- Multi-modal interfaces (speech, gestures, eye gaze, face, physiological information etc.)
- Natural language and speech processing
- Generation of multimodal content
- Big Data and analytics
- Smart environments and tangible computing
- Intelligent assistants for complex tasks
- Collaborative interfaces
- Persuasive and assistive technologies in IUI
- Affective and aesthetic interfaces
- Interactive machine learning
- Planning and plan recognition for IUI
- Knowledge-based approaches to user interface design and generation
- Proactive and agent-based user interaction
- Example-and demonstration-based interfaces
- Evaluations of intelligent user interfaces

Important Dates

- Abstracts Due: October 9, 2016
- Full and Short Papers Due: October 14, 2016
- Reviews to Authors: November 21, 2016
- Rebuttals Due: November 25, 2016
- Notification of Decisions: December 9, 2016

Contact

For Academic Enquiries please contact:
Prof. George A. Papadopoulos – george@cs.ucy.ac.cy

For Local Arrangements, Accommodation and Registration Information:
Easy Conferences – info@easyconferences.eu



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Submission

Full and Short Papers

We invite original paper submissions that describe novel user interfaces, applications, interactive and intelligent technologies, empirical studies, or design techniques. IUI 2017 especially encourages submissions on innovative and visionary new concepts or directions for the design of intelligent interfaces. We do not require evaluations with users, but we do expect papers to include an appropriate evaluation for their stated contribution.

Accepted papers will appear in the ACM Digital Library and citation indices. A selected set of accepted top quality full papers will be invited to submit their extended versions for publication in an ACM Transactions on Interactive Intelligent Systems (TiiS, <http://tiiS.acm.org>) special issue titled "Highlights of IUI 2017".

Submission Guidelines

- **Full paper** (anonymized 10 pages, references do not count toward the page limit) should make substantial, novel, and relevant contribution to the field.
- **Short paper** (anonymized 4 pages, references do not count toward the page limit) is a much more focused and succinct contribution to the field. Short papers are not expected to include a discussion of related work that is as broad and complete as that of Full papers.
- **Anonymization:** ACM IUI uses a double-blind review process. All submissions must be appropriately anonymized according to the following guidelines:
 1. Author's names and affiliations are not visible anywhere in the paper.
 2. Acknowledgements should be anonymized or removed during the review process.
 3. Self-citations should be included where necessary, but must use the third person. For example, "... as shown in our previous user study [2] ..." is not allowed, whereas "... as shown in Smith et al. [2] ..." is acceptable (because in this case the citation [2] will NOT be perceived as self-citation).

Failure to follow these guidelines may result in submissions being rejected without review.

Submissions should follow the standard SigCHI format. Use either the [Microsoft Word Template](#) or the [LaTeX template](#).

The submission site is now open: <http://precisionconference.com/~sigchi>

Accepted full papers will be invited for oral presentation. Accepted short papers will be invited either as oral or poster presentation, depending on the quality of the papers.

AUTHORS TAKE NOTE: The official publication date is the date the proceedings are made available in the ACM Digital Library. This date may be up to two weeks prior to the first day of your conference. The official publication date affects the deadline for any patent filings related to published work. (For those rare conferences whose proceedings are published in the ACM Digital Library after the conference is over, the official publication date remains the first day of the conference.)

Venue

St. Raphael Resort – ★★★★★

The St. Raphael Resort is located on one of the most renowned and largest beaches in Limassol, only a short coastal drive from the lively centre of town, approximately 10 minutes away. The Larnaca International Airport is 35 minutes away, and Paphos International Airport is 55 minutes away. There are shops, restaurants and bars within walking distance and a bus stop exactly outside the hotel.

