CHIGreece 2021

1st International Conference of the Greece ACM SIGCHI Chapter

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Preface

Welcome to CHIGreece 2021, the 1st International Conference of the Greece ACM SIGCHI Chapter, virtually from Athens, Greece, November 25-27 November, 2021.

CHIGreece was founded in 2008 and currently has around 150 members, a reasonable number for a small country, but not ideal. Our members are quite dispersed, spread among both urban and mountainous regions, and our numerous islands. We've been organizing networking gatherings and events each year, usually in conjunction with local and international conferences. Our most notable annual event is linked to World Usability Day; the last event (2020) was held virtually and had an attendance of approximately 150 people. There are no membership fees and our events are all free to the public. We anticipate that CHIGreece 2021 conference could further engage HCI researchers and their colleagues from Greece and abroad into the ACM chapter.

In this line of thought, the theme of CHIGreece 2021 is “Connecting the Community”, and the main goal is to invite the Greek research community and other researchers, residing in various institutions in Greece, Cyprus and abroad, to come together, present and disseminate their research and innovations. More specifically, the conference aims at addressing the following objectives:

- Explore state-of-the-art and new implicit and explicit methods and techniques of theoretical and applied modeling of the users, human factors and behaviors in HCI
- Explore HCI techniques, computational intelligence algorithms, recommendation models, and real-time paradigms that can improve the efficiency and effectiveness of human-computer communication;
- Compare challenges and experience in different real world contexts and applications (e.g., decision support, learning, wellbeing, security), where a holistic view on HCI aspects is needed to provide a positive user experience; and
- Identify theoretical and computational models for the design, development and evaluation of HCI concepts and paradigms

This year, CHIGreece 2021 was held virtually due to Covid-19 pandemic. In order to enable virtual participation from all time zones the event featured plenary sessions with keynote speakers, panel discussions, papers presentations, exhibition and interactive experiences and a track dedicated to young researchers, offering them the opportunity to explore and develop their research interests under the guidance of distinguished scholars.

More specifically, we accepted 12 long papers and 12 short papers from 9 countries around the world for oral presentation and inclusion in the proceedings published by ACM (ICPS: International Conference proceedings Series), available via the ACM Digital Library. The program also featured posters, demos, and late breaking results, which collectively showcased the wide spectrum of novel ideas and latest results in the area mainly through the Exhibition and

Interactive Experiences Track with 6 and Young Researchers Track with 14 submissions respectively.

We also invited three distinguished keynote speakers, each illustrating significant issues and prospective directions for the field.

- Nuria Oliver from ELLIS Unit Alicante Foundation (The European Laboratory for Learning and Intelligent Systems). Her talk: ”Data Science to fight COVID-19”
- Alan Dix from the University of Swansea. His talk: “Digital thinking”
- Nikolaos Avouris from the University of Patras. His talk: “Teaching Human-computer interaction for social good”

In addition, we hosted a panel of experts exchanging on this year’s topic of World Usability Day on “Design of our Online World: Trust, Ethics and Integrity”, and we offered a mentorship channel, facilitating young researchers to explore and develop their research interests under the guidance of senior researchers relevant to their research field.

We would like to acknowledge the use of EasyChair for management of the submissions and review process, and the Laboratory of Interactive Arts (InArts) of the Department of Audio and Visual Arts, Ionian University, and in specific its members Andreas Giannakoulopoulos (InArts Director), Minas Pergantis and Roubini Oikonomidou, for the custom-made platform of the video upload, of the registration and payment process.

Finally, no conference can be successful without the strong support of its participants. We would like to thank all the authors for sending us their best work and to all the attendees who bring CHIGreece 2021 into life.

CHIGreece 2021 Conference Committee

November 25-27, 2021

Conference Organization

We would like to acknowledge the excellent work and collaboration of the CHIGreece 2021 Organizing Committee and Greece ACM SIGCHI Chapter, including:

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International Programme Committee

The 1st International Conference of the Greece ACM SIGCHI Chapter, CHIGreece 2021, would not be possible without the engagement, sound collaboration, comments and suggestions of our International Programme Committee. We are grateful to:

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Carmelo Ardito, Politecnico di Bari, Italy

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