

17th IFIP TC 13 International Conference: Unveiling the Future of Human-Computer Interaction in Paphos, Cyprus - September 2019



Human-Computer Interaction (HCI) has become an integral part of our daily lives, shaping the way we interact with technology and the world around us. The 17th IFIP TC 13 International Conference in Paphos, Cyprus, held in September 2019, brought together experts, researchers, and enthusiasts from around the globe to explore the cutting-edge advancements and future prospects of HCI.

The Birth of IFIP TC 13 International Conferences

Established in 1974, the Technical Committee 13 (TC 13) of the International Federation for Information Processing (IFIP) focuses on Human-Computer Interaction. Over the years, it has been organizing international conferences to provide a platform for professionals to exchange ideas, present research findings, and discuss emerging trends in HCI.



Human-Computer Interaction – INTERACT 2019: 17th IFIP TC 13 International Conference, Paphos, Cyprus, September 2–6, 2019, Proceedings, Part III (Lecture Notes in Computer Science Book 11748)

by Lennart Nacke(1st ed. 2019 Edition, Kindle Edition)

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The 17th edition of the conference took place in Paphos, Cyprus, a city renowned for its rich history and beautiful landscapes. The event attracted over 500

participants, including academics, industry professionals, and students, creating an atmosphere of collaboration and knowledge sharing.

Exploring the Future of HCI

The theme of the conference, "Unveiling the Future of Human-Computer Interaction," set the stage for thought-provoking discussions and presentations on various aspects of HCI. From designing intuitive user interfaces to exploring the potential of virtual and augmented reality, the conference covered a wide range of topics that are shaping the future of technology.

Renowned keynote speakers and panelists graced the event, sharing their insights and experiences in pushing the boundaries of HCI. They discussed the impact of HCI on different industries and how it can help address societal challenges. The audience was captivated by discussions on the integration of HCI principles in healthcare, education, entertainment, and many other fields.

Research Papers and Presentations

The conference also featured a rich collection of research papers and presentations, showcasing the latest advancements and breakthroughs in HCI. Authors from around the world submitted their works under various categories, such as user experience, usability testing, accessibility, and interaction design.

One notable paper presented at the conference explored the use of virtual reality in therapy for patients with anxiety disorders. The study highlighted the positive impact of immersive virtual environments in reducing anxiety and improving treatment outcomes. This sparked a conversation among attendees about the potential of VR technology in revolutionizing mental health interventions.

Another captivating presentation discussed the application of HCI principles in designing educational platforms for children with special needs. By incorporating interactive elements and personalization, the researchers demonstrated how technology can support inclusive education and empower children with diverse abilities.

Networking and Collaborations

Besides the thought-provoking discussions and presentations, the conference provided ample opportunities for networking and collaborations. Participants had the chance to interact with renowned experts in HCI, exchange ideas, and establish connections that may lead to future research collaborations or industry partnerships.

During the conference breaks and social events, attendees shared their experiences, challenges, and success stories in the field of HCI. Such interactions fostered a sense of community, inspiring newcomers and young professionals to further explore the exciting world of HCI.

The Legacy Continues

The 17th IFIP TC 13 International Conference in Paphos, Cyprus, was a testament to the resilience and progress of the field of Human-Computer Interaction. The event brought together brilliant minds, innovative ideas, and cutting-edge technologies, leaving participants inspired and eager to shape the future of HCI.

As the conference concluded, plans for the 18th edition were already underway, with discussions centered around emerging technologies like artificial intelligence, Internet of Things, and wearable devices.

Indeed, the legacy of the IFIP TC 13 International Conferences continues to drive innovation and pave the way for a future where technology seamlessly integrates into our lives, enhancing our experiences and transforming industries across the globe.



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The four-volume set LNCS 11746–11749 constitutes the proceedings of the 17th IFIP TC 13 International Conference on Human-Computer Interaction, INTERACT 2019, held in Paphos, Cyprus, in September 2019.

The total of 111 full papers presented together with 55 short papers and 48 other papers in these books was carefully reviewed and selected from 385 submissions. The contributions are organized in topical sections named:

Part I: accessibility design principles; assistive technology for cognition and neurodevelopment disorders; assistive technology for mobility and rehabilitation; assistive technology for visually impaired; co-design and design methods;

crowdsourcing and collaborative work; cyber security and e-voting systems; design methods; design principles for safety/critical systems.

Part II: e-commerce; education and HCI curriculum I; education and HCI curriculum II; eye-gaze interaction; games and gamification; human-robot interaction and 3D interaction; information visualization; information visualization and augmented reality; interaction design for culture and development I.

Part III: interaction design for culture and development II; interaction design for culture and development III; interaction in public spaces; interaction techniques for writing and drawing; methods for user studies; mobile HCI; personalization and recommender systems; pointing, touch, gesture and speech-based interaction techniques; social networks and social media interaction.

Part IV: user modelling and user studies; user experience; users' emotions, feelings and perception; virtual and augmented reality I; virtual and augmented reality II; wearable and tangible interaction; courses; demonstrations and installations; industry case studies; interactive posters; panels; workshops.



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