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Nota di contenuto	Intro -- Welcome -- Preface -- IFIP TC13 -- <a href="http://ifip-tc13.org/">http://ifip-tc13.org/</a> -- IFIP TC13 Members -- Conference Organizing Committee -- Contents - Part II -- COVID-19 and HCI -- Addressing the Challenges of COVID-19 Social Distancing Through Passive Wi-Fi and Ubiquitous Analytics: A Real World Deployment -- 1 Introduction -- 1.1 Contributions and Research Questions -- 2 Related Work -- 2.1 Feedback via Voluntary Walk-Up Systems -- 2.2 Citizen Science -- 3 Data and Deployment -- 3.1 Passive Wi-Fi Data Gathering -- 3.2 Dashboard and Web Plugins -- 3.3 Mobile Application -- 3.4 In Situ Survey -- 3.5 Deployment -- 4 Results -- 4.1 Passive Wi-Fi Ground Truth Validation -- 4.2 In Situ Survey -- 5 Discussion -- 6 Conclusion -- References -- Hanging Out Online: Social Life During the Pandemic -- 1 Introduction -- 2 Related Work -- 2.1 Being Together Online -- 2.2 Configuring Identity -- 2.3 Shared Experiences -- 3 Methodology -- 4 Findings -- 4.1 Spontaneity of Social Interaction -- 4.2 Shifts in Context and Social Accessibility -- 4.3 Negotiating Intimacy -- 4.4 Adjusting to Lockdown -- 5 Discussion

-- References -- Investigating Italian Citizens' Attitudes Towards Immuni, the Italian Contact Tracing App -- 1 Introduction -- 2 Related Work -- 3 Immuni -- 4 Methods -- 4.1 Data Collection -- 4.2 Data Analysis -- 5 Results -- 5.1 Users' Overall Evaluation of the App -- 5.2 Cues to Action -- 5.3 Immuni's Usability -- 6 Discussion -- References -- Social Companion Robots to Reduce Isolation: A Perception Change Due to COVID-19 -- 1 Introduction -- 2 Background -- 3 Experiment -- 3.1 Methodology -- 3.2 Procedure -- 3.3 Participants -- 4 Results -- 4.1 COVID-19 and Perception Change -- 4.2 Preferred Tasks for a Companion Robot -- 4.3 Important Elements for a Companion Robot -- 4.4 Preferred Appearance of a Companion Robot. 4.5 Personality Traits and Adapting to COVID-19 -- 5 Discussion -- 6 Limitations and Future Work -- 7 Conclusion -- References -- Crowdsourcing Methods in HCI -- BubbleVideo: Supporting Small Group Interactions in Online Conferences -- 1 Introduction -- 2 Alternative Approaches to Online Conferencing -- 3 Requirements for Small Group Interaction -- 4 BubbleVideo Prototype -- 5 Conclusions -- References -- Comparing Performance Models for Bivariate Pointing Through a Crowdsourced Experiment -- 1 Introduction -- 2 Related Work -- 2.1 Fitts' Law and Modified Versions for Bivariate Pointing -- 2.2 Crowdsourced Studies on GUI Tasks and Model Evaluations -- 3 Experiment -- 3.1 Task, Design, and Procedure -- 3.2 Participants and Recruitment -- 4 Results -- 4.1 Outlier Data Screening -- 4.2 Analyses of Dependent Variables -- 4.3 Canonical Analysis -- 4.4 Model Fitness -- 4.5 Answers to the Free-Form Questionnaire -- 4.6 Discussion on Model Fitness -- 5 Simulation of Sample Size Effect on Model Fitness -- 6 General Discussion -- 6.1 Benefits of Using Crowdsourcing for Model Comparison -- 6.2 Limitations and Future Work -- 7 Conclusion -- References -- Older Adults' Motivation and Engagement with Diverse Crowdsourcing Citizen Science Tasks -- 1 Introduction and Related Works -- 2 Methods -- 3 Results and Discussion -- 3.1 Participants -- 3.2 Performance and Feedback -- 3.3 Evaluation of Tasks -- 3.4 Motivation -- 4 Conclusions -- References -- Quality Assessment of Crowdsourcing via Eye Gaze: Towards Adaptive Personalized Crowdsourcing -- 1 Introduction -- 2 Related Work -- 3 Proposed Methods -- 3.1 Method with Handcrafted Features -- 3.2 Method with Features Generated by Self-supervised Learning -- 4 Datasets -- 5 Experiments -- 5.1 Experimental Conditions -- 5.2 Results -- 6 Conclusion and Future Work -- References -- Design for Automotive Interfaces. Designing for a Convenient In-Car Passenger Experience: A Repertory Grid Study -- 1 Introduction -- 2 Related Work -- 2.1 Passenger Convenience -- 2.2 Supporting Passenger Experience -- 2.3 Repertory Grid Methodology -- 3 Method Choice and Study -- 3.1 Elements and Constructs -- 3.2 Participants -- 3.3 Procedure -- 3.4 Analysis of the Interview Results -- 4 Results -- 4.1 Overview About the Elicited Constructs -- 4.2 Passengers' Most Convenient Ride -- 5 Discussion and Design Recommendations for a Convenient In-Car Passenger Experience -- 6 Conclusion -- References -- Exploring Application Opportunities for Smart Vehicles in the Continuous Interaction Space Inside and Outside the Vehicle -- 1 Introduction -- 2 Related Work -- 2.1 Interactions with Smart Vehicles -- 2.2 Proxemic Interactions and Smart Vehicles -- 3 Applications in the Continuous Interaction Space Inside and Outside the Vehicle -- 4 Discussion -- 5 Conclusion -- References -- Smart Vehicle Proxemics: A Conceptual Framework Operationalizing Proxemics in the Context of Outside-the-Vehicle Interactions -- 1 Introduction -- 2 Related Work -- 2.1 Smart, Connected Vehicles -- 2.2 Interactions Inside the Vehicle -- 2.3

Interacting with the Vehicle from a Distance -- 2.4 Proxemic Interactions -- 2.5 Summary -- 3 Smart Vehicle Proxemics Framework -- 4 User Study: Understanding Drivers' Outside-of-Vehicle Interactions Across the Framework Dimensions -- 4.1 Participants -- 4.2 Task -- 4.3 Design -- 5 Results -- 5.1 Characterization of the Sample of Participants -- 5.2 Preferences for Information to Receive from the Vehicle at Different Proximity Zones -- 5.3 Preferences for Vehicle Functions to Control at Different Proximity Zones -- 5.4 Preferences for Devices for Outside-the-Vehicle Interactions -- 6 Discussion.

6.1 Using the Framework and Findings of Our Study to Inform Interaction Design for Smart Vehicles -- 6.2 Smart Vehicle Proxemics as Part of Proxemic Interactions -- 6.3 The Dichotomy and Complementarity of Inside-the-Vehicle and Outside-the-Vehicle Interactions -- 6.4 Pro-active Smart Vehicles and Proximity-Awareness -- 7 Conclusion -- References -- Design Methods -- Advanced Kidney Disease Patient Portal: Implementation and Evaluation with Haemodialysis Patients -- 1 Introduction -- 2 Background -- 3 Related Work -- 4 Methodology -- 4.1 Recruitment of Participants -- 4.2 Data Collection -- 4.3 Data Analysis -- 5 Results -- 5.1 System Usability Scale (SUS) Scores -- 5.2 Thematic Analysis of Requirements for Patient Portal -- 5.3 Formal Design Requirements -- 6 Discussion -- 7 Conclusion -- References -- Digital Work Environment Rounds - Systematic Inspections of Usability Supported by the Legislation -- 1 Introduction -- 2 Theory and Related Work -- 2.1 Computer Supported Work and Cooperative Design -- 2.2 Work Environment and Computer Systems Development and Use -- 2.3 Relationship to Legislation: Case Swedish Work Environment Law -- 2.4 Systematic Work Environment Management -- 2.5 Digital Work Environment -- 2.6 IT Protection Rounds -- 2.7 Standardizing the IT Protection Round -- 3 Method -- 3.1 Action Research -- 3.2 Case Specific Details -- 3.3 Activities to Customize the Method to the Organization -- 3.4 Digital Work Environment Rounds -- 4 Results -- 4.1 Revised List of Criteria Adapted to the Organization -- 4.2 Prioritized Findings from the Digital Work Environment Round -- 4.3 Assessing the Potential Time Savings if the System Would Work in an Optimal Fashion. -- 4.4 Assessing the Digital Work Environment Round from the User Perspective -- 4.5 Integrating the Digital Work Environment Round into the Systematic Work Environment Management.

5 Discussion -- 5.1 The Importance of Legislation -- 5.2 Making Use of the Mandated Systematic Work Environment Management -- 5.3 The Importance of Standardization -- 5.4 Contributions to HCI -- 6 Conclusion -- References -- Facilitating User Involvement in a Large IT Project: A Comparison of Facilitators' Perspectives on Process, Role and Personal Practice -- 1 Introduction -- 2 Background: Facilitation of Participatory Design Activities -- 3 The Case -- 3.1 The Project -- 3.2 The Facilitated Participatory Activities -- 4 Methods -- 4.1 Interviews -- 4.2 Complementary Field Observations -- 4.3 Data Collection and Data Analysis -- 5 Results -- 5.1 Facilitator 1 -- 5.2 Facilitator 2 -- 5.3 Facilitator 3 -- 6 Comparing the Facilitators' Perspectives -- 6.1 Process -- 6.2 Role -- 6.3 Practice -- 7 Implications: Towards a Co-reflective Facilitation Practice -- 8 Methodological Considerations -- 9 Summary and Concluding Remarks -- References -- Focus, Structure, Reflection! Integrating User-Centred Design and Design Sprint -- 1 Introduction -- 2 Related Research -- 2.1 User-Centred Design and Design Sprints Education -- 2.2 Integrating UCD in Design Methods -- 3 Course Development -- 3.1 Background of the Course -- 3.2 Course Structure -- 4 Methods -- 4.1

Data Collection -- 4.2 Data Analysis -- 5 Results -- 5.1 Weekly Feedback on the Course -- 5.2 Feedback on the Methods Used -- 5.3 Feedback on the Processes as a Whole -- 6 Discussion and Conclusions -- 6.1 An Integrated UCD and GDS Process -- 6.2 Recommendations for Teaching User-Centred Design Sprint -- 7 Limitations and Future Work -- References -- How HCI Interprets Service Design: A Systematic Literature Review -- 1 Introduction -- 2 Service Design and Its Adoption in HCI -- 3 Systematic Literature Review -- 3.1 Search Strategy -- 3.2 Article Screening -- 3.3 Analysis -- 4 Results. 4.1 Overview of Service Design Adoptions.

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## Sommario/riassunto

The five-volume set LNCS 12932-12936 constitutes the proceedings of the 18th IFIP TC 13 International Conference on Human-Computer Interaction, INTERACT 2021, held in Bari, Italy, in August/September 2021. The total of 105 full papers presented together with 72 short papers and 70 other papers in these books was carefully reviewed and selected from 680 submissions. The contributions are organized in topical sections named: Part I: affective computing; assistive technology for cognition and neurodevelopment disorders; assistive technology for mobility and rehabilitation; assistive technology for visually impaired; augmented reality; computer supported cooperative work. Part II: COVID-19 crowdsourcing methods in HCI; design for automotive interfaces; design methods; designing for smart devices designing for the elderly and accessibility; education and HCI; experiencing sound and music technologies; explainable AI. Part III: games and gamification; gesture interaction; human-centered AI; human-centered development of sustainable technology; human-robot interaction; information visualization; interactive design and cultural development. Part IV: interaction techniques; interaction with conversational agents; interaction with mobile devices; methods for user studies; personalization and recommender systems; social networks and social media; tangible interaction; usable security. Part V: user studies; virtual reality; courses; industrial experiences; interactive demos; panels; posters; workshops. The chapter 'Stress Out: Translating Real-World Stressors into Audio-Visual Stress Cues in VR for Police Training' is open access under a CC BY 4.0 license at [link.springer.com](https://link.springer.com). The chapter 'WhatsApp in Politics?! Collaborative Tools Shifting Boundaries' is open access under a CC BY 4.0 license at [link.springer.com](https://link.springer.com).

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