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Human-Centered Software Engineering

5th IFIP WG 13.2 International Conference, HCSE 2014
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Proceedings



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Preface

The International Conference on Human-Centered Software Engineering (HCSE) is a single track working conference which aims at bringing together researchers and practitioners interested in strengthening the scientific foundations of user interface design, examining the relationship between software engineering and human-computer interaction and on how to strengthen user-centered design as an essential part of software engineering processes.

HCSE 2014 is the fifth edition of a series of conferences promoted by the International Federation for Information Processing (IFIP) Working Group WG 13.2 on Methodologies for User-Centered Systems Design. Previous events were held in Salamanca, Spain (2007), Pisa, Italy (2008), Reykjavik, Iceland (2010) and Toulouse, France (2012). While HCSE had initially been organized in conjunction with other conferences, it has grown over the years and is now held as a bi-annual standalone conference since HCSE 2012 in Toulouse. HCSE 2014 took place in Paderborn, Germany, during September 16–18, 2014. It was hosted and locally organized by the s-lab – Software Quality Lab of the University of Paderborn, in the context of the newly founded Software Innovation Campus Paderborn (SICP). Conference venue was the Heinz Nixdorf MuseumsForum, a modern conference center also hosting the world’s largest computer museum.

HCSE 2014 welcomed 13 full research papers, describing substantial novel contributions and advanced results, and 10 short papers, presenting practice and experience reports, practical evaluations as well as late breaking results, which are all featured in this collection. The acceptance rate for qualified full research papers was 38%, the acceptance rate for short papers was 27%. All qualified submissions were independently reviewed by at least three reviewers, who were selected members of the Program Committee, occasionally supported by external reviewers. In addition, the papers and reviews were extensively discussed by the Program Committee to make the decisions. Seven full research papers were directly accepted, six were accepted in a second review round, after the authors had improved their contributions according to the first-round review results. Furthermore, seven papers that were originally submitted as full papers were included in the program as short papers. All submissions that were conditionally accepted in the first round were accessorially reviewed by a meta-reviewer in the second round. The reviewing process for short papers followed a standard procedure, leading to final decisions after one round. Our sincere gratitude goes to the members of our Program Committee and external reviewers, who devoted countless hours to provide valuable feedback to authors and ensure the high quality of the HCSE technical program.

We thank Prof. Dr. Margaret Burnett and Prof. Dr. Wil M.P. van der Aalst, our keynote speakers, who accepted to give inspiring speeches at HCSE and provided us with extended abstracts that are also presented in this proceedings

volume. In addition, we express special appreciation to our Publicity Chair Holger Fischer and the local organizer team in Paderborn. We are indebted to our sponsors for their generous support in helping to make our conference special and successful. Finally our thanks go to all the authors who actually did the research work and especially to the presenters who sparked inspiring discussions with all the participants at HCSE 2014 in Paderborn.

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