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Foreword

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ASSOCIATION FOR
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Preface

The 10th Scandinavian Conference on Information Systems (SCIS2019) was held in Nokia, Finland in August 2019, and was organized by the Faculty of Management and Business, Unit of Information and Knowledge Management at Tampere University.

Digitalization changes the world. Information systems (IS), software applications and other technologies are in a central role in this change. They enable new working practices and processes, new business models and opportunities, initiate changes in how technologies are used, perceived and interpreted, and ultimately force individuals, organizations, and even societies at large to respond to those changes, to evolve. Individuals, organizations, and societies have to somehow transform and adjust their old ways of doing things.

Not only technologies drive digital transformation. Increasing amounts of data that is produced by numerous sensors, applications, and systems account for the transformation as well. Such data is gathered and collected, merged together, and analyzed by different methods and tools; by using artificial intelligence, data analytics, or data science. The sense-making of such versatile data is of importance because not only can it be used to improve decision-making at workplaces but it can also be utilized for the benefit of individuals and societies, both in organizational and non-work settings.

These views set the theme for SCIS2019: Smart Transformation. Transformation and smartness pose several questions for (IS) research. In general, we might ask what actually is the smartness of individuals, organizations, or a society. We can even ask whether stakeholders possess the required abilities, skills and competences to enable and support the change. These, and other related questions arise due to fast evolving landscape of information technology, and information and technology. The nuanced understanding of Smart Transformation in IS has become even more critical due to governmental and organizational programs that foster smartness, and an increasing use of different kinds of common platforms and services.

A total of 27 papers were submitted to the conference. After a double-blind review process, 12 high quality papers were accepted for presentation at the conference, and published in these proceedings.

SCIS2019 proudly presented three keynote speakers: Suprateek Sarker from University of Virginia, Monideepa Tarafdar from Lancaster University, and Tuure Tuunanen from University of Jyväskylä. We also had two workshops, Teaching Empirical Research Methods in Information Systems by Tangni Dahl-Jørgensen, Farzana Quayyum, Elena Parmiggiani and Babak Farshchian from Norwegian University of Science and Technology, and Leadership and Work Cultures in ICT Industries – Global It Work Perspective and Comparison by Mikko Ruohonen, Nicholas Mavengere, Najmul Islam, and Katriina Vartiainen from Tampere and Turku Universities. As in previous years, the SCIS conference was organized in conjunction with the Information Systems Research Seminar in Scandinavia (IRIS), with its 42nd annual meeting.

Finally, we would like to thank all those people who have contributed to this conference as organizers, program committee members reviewing the papers, and previous hosts by providing valuable tips and instructions. Finally, a big thank you to all who contributed to making this conference as a memorable event.

August 2019

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Organization

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