# Proceedings of the 2013 IEEE 17th International Conference on Computer Supported Cooperative Work in Design (CSCWD)

June 27-29, 2013 Whistler, BC, Canada

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June 27-29, 2013, Whistler, BC, Canada

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### Preface

Welcome to the 2013 IEEE 17th IEEE International Conference on Computer Supported Cooperative Work in Design (CSCWD 2013).

It is my great pleasure to host the CSCWD conference again in Canada, this time in beautiful Whistler, British Columbia, after 12 years since CSCWD 2001 which was held in London, Ontario.

Design of complex artifacts, systems, processes, and services requires the cooperation of multidisciplinary design teams. The 2013 IEEE 17th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2013) provides a forum for researchers and practitioners involved in different but related domains to confront research results and discuss key problems. The scope of CSCWD 2013 includes the research and development fields of collaboration technologies and applications to the design of processes, products, systems, and services in industries and societies. Such technologies include collaboration methods, mechanisms, protocols, software tools, platforms, and services that support collaboration and coordination among people, software and hardware systems. Related fields of research include collaborative workflows, collaborative virtual environments, collaborative workspaces, collaborative wireless sensor networks, interoperability, ontology and semantics, security and privacy, as well as social aspects and human factors related to collaboration. Application domains include aerospace, automotive, manufacturing, construction, logistics, transportation, power and energy, healthcare, infrastructure, administration, social networks, and entertainment.

The CSCWD 2013 Program Committee has developed an exciting technical program including three keynote speeches by internationally recognized researchers in the related areas and 21 technical sessions with 116 paper presentations. The proceedings contain 116 papers co-authored by about 380 researchers from 27 countries.

I would like to thank all the co-chairs and members of the Program Committee for their efforts in putting together such a comprehensive program. Special thanks are due to the authors who contributed to this conference. This conference would not have been possible without their strong supports.

I would also like to thank all the chairs and members of the Organizing Committees as well as all the volunteers for taking care of all the details to make this conference successful.

> Weiming Shen, PhD, FIEEE, P.Eng. CSCWD 2013 Conference Chair

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