Contents

Anonymity-Preserving Methods for Client-Side Filtering in Position-Based Collaboration Approaches .................................................. 1
Henrik Detjen, Stefan Hoffmann, Gerd Bumiller, Stefan Geisler,
Marc Jansen, and Markus Markard

What Do Remote Music Performances Lack? .............................. 14
Hiroyuki Tarumi, Tomoki Nakai, Kei Miyazaki,
Daiki Yamashita, and Yuya Takasaki

A Method for Estimating Worker States Using a Combination of Ambient Sensors for Remote Collaboration .................................................. 22
Kazuyuki Iso, Minoru Kobayashi, and Takaya Yuizono

Tag Chat: A Tag-Based Past Topics Recollection Support System. .... 29
Junko Itou, Rina Tanaka, Jun Munemori, and Noboru Babaguchi

Availability of Disaster Preparedness Awareness Improvement for Supplying Knowledge Using Microblog and Comic Expression .......... 37
Sojo Enokida, Taku Fukushima, Takashi Yoshino,
Tomoki Motozuka, and Nobuyuki Egusa

Technological Feasibility of a Smartphone-Based System to Integrate Volunteers into Professional Rescue Processes ............................. 53
Stefan Hoffmann, Markus Markard, Marc Jansen, Gerd Bumiller,
Henrik Detjen, and Stefan Geisler

A Triage Training System Considering Cooperation and Proficiency of Multiple Trainees ................................................................. 68
Kento Izumida, Ryuga Kato, and Hiroshi Shigeno

A Scratch-Based Collaborative Learning System with a Shared Stage Screen ......................................................................................... 84
Yusuke Fukuma, Kumpei Tsutsui, Hideyuki Takada, and Ian Piumarta

AccelChalk: Detecting Writing Actions with Chalk Acceleration for Collaboration Between Teachers and Students .......................... 99
Taishi Okazawa and Hironori Egi

Tourist Information Extraction Method from Tweets Without Tourist Spot Names for Tourist Information Visualization System ............... 107
Sayuri Watanabe and Takashi Yoshino
Enhancing Participation Balance in Intercultural Collaboration . . . . . . . . . . . . 116
  Mondheera Pituxcoosuvann and Toru Ishida

A Culturally-Situated Agent to Support Intercultural Collaboration . . . . . . . . 130
  Victoria Abou Khalil, Toru Ishida, Masayuki Otani, and Donghui Lin

Enhancing Learners’ Cross-Cultural Understanding in Language and
Culture Class Using InCircle . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 145
  Noriko Uosaki, Takahiro Yonekawa, and Chengjiu Yin

Children’s Social Behavior Analysis System Using BLE
and Accelerometer. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 153
  Shuta Nakamae, Shumpei Kataoka, Can Tang, Simona Vasilache,
  Satoshi Saga, Buntarou Shizuki, and Shin Takahashi

Extension of Smartphone by Wearable Input/Output Interface with Floor
Projection. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 168
  Nobuchika Sakata, Fumihiro Sato, Tomu Tominaga,
  and Yoshinori Hijikata

Introducing Gamification to Cleaning and Housekeeping Work. . . . . . . . . . . 182
  Satoshi Ichimura

Author Index . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 191