Contents

IDTV Content Production and Recommendation

System Architecture for Personalized Automatic Audio-Visual Content Generation from Web Feeds to an iTV Platform ........................................ 3
Carlos Silva, David Campelo, Telmo Silva, and Valter Silva

nowUP: A System that Automatically Creates TV Summaries Based on Twitter Activity ....................................................... 18
Pedro Almeida, Jorge Ferraz de Abreu, and Rita Oliveira

Automatic Creation of TV Content to Integrate in Seniors Viewing Activities ................................................................. 32
Liliana Reis, Hilma Caravau, Telmo Silva, and Pedro Almeida

A Semantic Recommender System for iDTV Based on Educational Competencies ......................................................... 47
Diego Duran, Gabriel Chanchí, Jose Luis Arciniegas, and Sandra Baldassarri

Video Consumption and Preservation

Online Educational Videos: The Teenagers’ Preferences. ................. 65
Carolina Almeida and Pedro Almeida

We Need to Talk About Digital Preservation of Audiovisual Collections: Strategies for Building National Networks ............... 77
Rostand Costa, Guido Lemos de Souza Filho, Valdecir Becker, and Alvaro Malaguti

Social TV

Beyond the TV Borders: Second Screen as a Tool for Audience Engagement ................................................................. 93
David Campelo, Telmo Silva, and Jorge Ferraz de Abreu

Indagante: A Proposal for a Social Multiplatform Game to Motivate Interaction in the Living Room ....................................... 105
Bernardo Cardoso and Jorge Ferraz de Abreu

From Live TV Events to Twitter Status Updates - a Study on Delays .... 117
Rita Oliveira, Pedro Almeida, and Jorge Ferraz de Abreu
IDTV Interaction Techniques

Design and Usability Evaluation of a Multi-input Interface in an idTV Environment .......................................................... 131
  Juan Felipe Téllez, Juan Carlos Montoya, and Helmuth Treffitz

Usable Control System for Interaction with Ubiquitous Television. ......... 149
  Enrique García, Juan Carlos Torres, and Carlos de Castro

IDTV User Experience

InApp Questions – an Approach for Contextual Evaluation of Applications... 163
  Jorge Ferraz de Abreu, Pedro Almeida, and Pedro Beça

Author Index ................................................................. 177
Applications and Usability of Interactive TV
5th Iberoamerican Conference, jAUTI 2016, La Habana, Cuba, November 21-25, 2016, Revised Selected Papers
Abásolo (CICPBA), M.J.; Almeida, P.; Pina Amargós, J.D. (Eds.)
2017, VIII, 177 p. 47 illus., Softcover
ISBN: 978-3-319-63320-6