

Contents

Second Screen Applications Immersive TV. Short Papers

Enriching and Engaging Linear Television: Findings and Learnings with HbbTV Second Screen Applications.	3
<i>Joost Negenman, Susanne Heijstraten, Jeroen Vanattenhoven, and David Geerts</i>	
TV-RING and ImmersiaTV: Present and Future of Television	9
<i>Marc Aguilar, Pau Pamplona, and Sergi Fernández</i>	

Video Consumption Development Tools

Implementing the Complete Chain to Distribute Interactive Multi-stream Multi-view Real-Time Life Video Content	17
<i>Marc Codina, Jordi Gonzalez, Antoni Barroso, Jordi Caball, and Jordi Carrabina</i>	
Use of Web Components to Develop Interactive, Customizable and Multi-device Video Consumption Platforms	26
<i>Mario Montagud, Fernando Boronat, Jordi Belda, and Dani Marfil</i>	
An Augmented Reality and 360-degree Video System to Access Audiovisual Content through Mobile Devices for Touristic Applications	44
<i>Antoni Bibiloni, Silvia Ramis, Antoni Oliver, and Francisco J. Perales</i>	
Study and Comparison of Metadata Schemas for the Description of Multimedia Resources	59
<i>Angela M. Vargas-Arcila, Sandra Baldassarri, and José L. Arciniegas-Herrera</i>	
Building a Basic Hardware and Software Infrastructure for Developing Ginga-NCL Interactive Applications	74
<i>Iván Bernal and David Mejía</i>	

IDTV Interoperability

Towards to a Usable and Accessible Mixed Global Standard DTT-IPTV	93
<i>Carlos de Castro, Diego Villamarín, Gonzalo Olmedo, and Enrique García</i>	

IDTV User Experience

A UX Evaluation Approach for Second-Screen Applications	105
<i>Jorge Abreu, Pedro Almeida, and Telmo Silva</i>	
News Reports on TV, Twitter and the Active Audience	121
<i>Luis E. Martínez-Martínez and Laura Martínez-Espinosa</i>	
Approach to a Pedagogical Model of iDTV. Methodology for the Analysis of Interactions.	134
<i>Andrea Miranda, Graciela Santos, and Silvia Stipcich</i>	

Audiovisual Accessibility

Accessibility on VoD Platforms via Mobile Devices	149
<i>Ángel García-Crespo, José Luis López-Cuadrado, and Israel González-Carrasco</i>	

Author Index	161
-------------------------------	-----

Applications and Usability of Interactive TV
4th Iberoamerican Conference, jAUTI 2015, and 6th
Congress on Interactive Digital TV, CTVDI 2015, Palma
de Mallorca, Spain, October 15-16, 2015. Revised
Selected Papers
Abásolo, M.J.; Perales, F.J.; Bibiloni, A. (Eds.)
2016, XII, 161 p. 63 illus., Softcover
ISBN: 978-3-319-38906-6