



# **CONTENT 2018**

The Tenth International Conference on Creative Content Technologies

February 18 - 22, 2018

Barcelona, Spain

## **CONTENT 2018 Editors**

Hans-Werner Sehring, Namics, Germany

Pascal Lorenz, University of Haute-Alsace, France

**Printed from e-media with permission by:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571



**Some format issues inherent in the e-media version may also appear in this print version.**

Copyright© (423: ) by International Academy, Research, and Industry Association (IARIA)  
Please refer to the Copyright Information page.

Printed by Curran Associates, Inc. (423: )

International Academy, Research, and Industry Association (IARIA)  
412 Derby Way  
Wilmington, DE 19810

Phone: (408) 893-6407  
Fax: (408) 527-6351

[petre@iaria.org](mailto:petre@iaria.org)

**Additional copies of this publication are available from:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571 USA  
Phone: 845-758-0400  
Fax: 845-758-2633  
Email: [curran@proceedings.com](mailto:curran@proceedings.com)  
Web: [www.proceedings.com](http://www.proceedings.com)

## Table of Contents

Schemas for Context-aware Content Storage <i>Hans-Werner Sehring</i>	1
Social Media Analytics in Support of Documentary Production <i>Giorgos Mitsis, Nikos Kalatzis, Ioanna Roussaki, Eirini Eleni Tsiropoulou, Symeon Papavassiliou, and Simona Tonoli</i>	7
GR-Media: Spatial Reference Model for Geo-Referenced Media <i>Taehoon Kim, Joon-Seok Kim, Azamat Bolat, Dongmin Kim, and Ki-Joune Li</i>	14
An Efficient HDR Video Compression Scheme based on a Modified Lab Color Space <i>Maryam Azimi, Mahsa T. Pourazad, and Panos Nasiopoulos</i>	18
Subjective Assessment for Text with Super Resolution on Smartphone Displays <i>Aya Kubota and Seiichi Gohshi</i>	24
Scalable Video Summarization based on Visual Attention Model <i>Amr Abozeid, Hesham Farouk, and Kamal ElDahshan</i>	30
A Sonification Method using Human Body Movements <i>Felix Albu, Mihaela Nicolau, Felix Pirvan, and Daniela Hagiescu</i>	36