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613th Conference

Scientific Program

Proceedings of

2nd Global Summit and Expo on

MULTIMEDIA & APPLICATIONS

August 15-16, 2016 London, UK



Hosting Organization: Conference Series LLC

2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA

Ph: +1-702-508-5200 Ext: 8042, Fax: +1-650-618-1417,

Toll free: +1-800-216-6499

Conference Series Ltd

Heathrow Stockley Park Lakeside House, 1 Furzeground Way,

Heathrow, UB11 1BD, UK, Tel: +1-800-216-6499

Email: multimedia@conferenceseries.net,

multimedia@conferenceseries.com

Scientific Program

Day 1 August 15, 2016

08:30-09:30 Registrations

Madison

conferenceseries.com **09:30-10:00** Opening Ceremony

Keynote Forum

10:00-10:05 Introduction

10:05-10:35 Title: Digital fonts and reading
Ching Y Suen, Concordia University, Canada

10:35-11:05 Title: Art and multimedia
Yoichiro Kawaguchi, University of Tokyo, Japan

Networking and Refreshments: 11:05-11:25 @ Foyer

11:25-11:55 Title: Animation: The reality of emotion
Jamie Denham, Sliced Bread Animation, UK

Session: Imaging and Image processing | Multimedia in Computer Games | Mobile Multimedia | Multimedia Tools and Applications | Multimedia Signal Processing

Session Introduction

Session Chair: Vijayan K Asari, University of Dayton, USA
Session Co-Chair: Margrit Gelautz, Vienna University of Technology, Austria

11:55-12:20 Title: Dynamic simulation and effects in animation and computer game
David Xu, Regent University, USA

12:20-12:45 Title: Algorithms for 3D film content generation and post-processing
Margrit Gelautz, Vienna University of Technology, Austria

Lunch: 12:45-13:25 @ Orwelll's Brasserie

13:25-13:50 Title: On the fast impulsive noise removal in color digital images
Bogdan Smolka, Silesian University of Technology, Poland

13:50-14:15 Title: Flow as you've never seen it
Robert S Laramee, Swansea University, UK

14:15-14:40 Title: Real-time correction of panoramic images using hyperbolic Möbius transformations
Leonardo Sacht, Federal University of Santa Catarina, Brazil

14:40:15:05 Title: Homographic p-norms: Metrics of homographic image transformation
Changsoo Je, Sogang University, Korea

15:05-15:30 Title: The complexity model of communication with computer images
Toshie Takahashi, Waseda University, Japan

15:30-15:55 Title: Gradient domain image denoising
Xiaobo Zhang, Xianyang Normal University, China

Networking and Refreshments: 15:55-16:15 @ Foyer

16:15-16:40 Title: Approximation of feature pyramids in the transform domain for object detection
Mohamed A Naiel, Concordia University, Canada

16:40-17:05 Title: Efficient video compression techniques
Ahmad A Mazhar, Saudi Electronic University College of Computing and Informatics, KSA

17:05-17:30 Title: Fuzzy PID control method for outer loop voltage of bidirectional DC-DC Converter
Guangya Liu, Hubei University of Technology, China

Panel Discussion

Day 2 August 16, 2016

Madison

Keynote Forum

10:00-10:05 Introduction

10:05-10:35 Title: A nonlinear manifold learning strategy for robust face recognition
Vijayan K Asari, University of Dayton, USA

10:35-11:05	**Title: Visual analytics for big video data** **Robert S Laramee,** Swansea University, UK
	Networking and Refreshments: 11:05-11:25 @ Foyer
	Session: **Computer Vision | Multimedia Health Computation and its Applications | Multimedia Systems and Applications | Human-Computer Interaction | Multimedia Content Analysis**
	Session Introduction
	Session Chair: Ghyslain Gagnon, Ecole de Technologie Supérieure, Canada **Session Co-Chair: Changsoo Je,** Sogang University, Korea
11:25-11:50	**Title: Robust multiple-instance learning ensembles using random subspace instance selection** **Ghyslain Gagnon,** Ecole de Technologie Supérieure, Canada
11:50-12:15	**Title: Automatic object recognition and tracking in complex environmental conditions** **Vijayan K Asari,** University of Dayton, USA
12:15-12:40	**Title: Cultural comparison for the action of looking at a mobile phone display focusing on independent/ interdependent self** **Takashi Nakamura,** Niigata University, Japan
12:40-13:05	**Title: Complex event detection via bank based multimedia representation** **Changyu Liu,** South China Agricultural University, China
	Lunch: 13:05-13:45 @ Orwelll's Brasserie
13:45-14:10	**Title: Fast motion estimation for HEVC on graphics processing unit (GPU)** **Dongkyu Lee,** Kwangwoon University, Korea
14:10-14:35	**Title: BrightHearts - the development and evaluation of an application for training children in the use of biofeedback assisted relaxation for the management of pain and anxiety** **Angie Morrow,** Kids Rehab- The Children's Hospital at Westmead, Australia
14:35-15:00	**Title: Mobile network computer should be the terminal of mobile communication network in multimedia age** **Zhaoming Guo,** Beijing Institute of Technology, China
15:00-15:25	**Title: The global performance evaluation for local descriptors** **Xintao Ding and Yonglong Luo,** Anhui Normal University, China
	Networking and Refreshments: 15:25-15:45 @ Foyer
15:45-16:10	**Title: Visualization techniques for crowd simulation** **Leonel Antonio Toledo Díaz,** Instituto Teconologico de Estudios Superiores de Monterrey, México
16:10-16:35	**Title: Approach for microposts retrieval in microblogging platforms based on Semantic Web technologies and social network analysis** **El Habib Nfaoui,** Sidi Mohamed Ben Abdellah University, Morocco
16:35-17:00	**Title: A cognitive multimedia environment and its importance: A conceptual model for effective learning and development** **Yolanda Mafikeni,** Hartland Training & Development Centre, South Africa
	Panel Discussion
	Award Ceremony & Certificate Distribution

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Multimedia & Applications

July 20-21, 2017 Lisbon, Portugal

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Conference Series LLC
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
america@conferenceseries.com

Conference Series Ltd
Heathrow Stockley Park Lakeside
House, 1 Furzeground Way
Heathrow, UB11 1BD
United Kingdom
europe@conferenceseries.com

OMICS International
6th Floor, North Block
Divyasree Building, Raidurg Hyderabad
Telangana, INDIA-500032
Tel: +91-40-33432300
asiapacific@conferenceseries.com

Toll free
USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048