RISE IMET 2020

International Conference on Interactive Media, Smart Systems
and Emerging Technologies

EMERGING TECHNOLOGIES AND THE DIGITAL TRANSFORMATION OF MUSEUMS AND HERITAGE SITES

June 3-5th 2020, Nicosia, Cyprus

Venue: A.G. Leventis Gallery, Nicosia, Cyprus

KEYNOTE SPEAKERS

Professor Sarah Kenderdine
Professor Alan Chalmers
Dr. Roberto Scopigno
Dr Nancy Proctor
Dr Jenny Kidd

CALL FOR PAPERS

The RISE IMET International Conference on Emerging Technologies and the Digital Transformation of Museums and Heritage Sites will be held in Nicosia, Cyprus, on June 3-5th 2020. The conference is organised by the Research Centre on Interactive media, Smart systems and Emerging technologies (RISE). RISE constitutes a centre of excellence and a joint venture between the three public universities of Cyprus (University of Cyprus, Cyprus University of Technology and Open University of Cyprus), the Municipality of Nicosia, the Max Planck Institute for Informatics (Germany) and University College London (UK) (http://www.rise.org.cy). This is the first conference in a series of **RISE** annual conferences focusing on **I**nteractive **M**edia, Smart Systems and **E**merging **T**echnologies (RISE - IMET).

The conference is dedicated to the exploration of current practices in the use of emerging and interactive technologies such as augmented, mixed or virtual reality, holographic models, 3D models, artificial intelligence, sensors and gamification in museums and heritage sites. The aim of this conference is to promote critical and interdisciplinary approaches and conversations between participants from diverse fields and to encourage interdisciplinary

dialogue between academics and professionals from various backgrounds on digital advances, innovation and their impact on the field of cultural heritage. Thus, we encourage the submission of abstracts from academics and professionals from the fields of museum studies, cultural heritage, computer science, heritage management, artificial intelligence, visual arts and cognitive science amongst others.

Potential themes include but are not limited to:

- Advantages, challenges and limitations of emerging technologies
- Current theoretical and practical approaches in digital heritage
- Case studies of successful or not-so-successful implementations of emerging technologies in museums and heritage sites (critical approaches to the application of emerging technologies)
- Emerging trends in the digital presentation, interpretation and management of cultural heritage
- VR, AR, MR, Mobile Applications and Gamification in museums and heritage sites
- Cultural Informatics and ethical considerations
- The application of emerging technologies in specialised areas of cultural heritage, e.g. contested heritage, intangible cultural heritage, World Heritage Sites
- Immersion, immersive experiences and authenticity in cultural heritage
- Interactive/Emerging Technologies and education/museum pedagogy
- New technologies and visitor behaviour analysis/visitor studies
- Cultural tourism and emerging technologies: museums, heritage sites and smart applications
- Technologies of crowdsourcing for museums and heritage sites/participatory memory practices through technology
- Affective technologies and museums
- Galleries, technology and contemporary art

Guide for submissions

To submit an abstract, panel, session, workshop or poster proposal please follow the directions found on our website: http://cyprusconferences.org/riseimet2020

Deadline for abstract submission: 30 November 2019

Abstracts should be no more than 500 words including references. For bibliographical references please follow APA style (https://apastyle.apa.org/).

The organisers also welcome proposals for panel discussions, sessions, workshops and poster presentations. Proposals should be no more than 500 words and should include details of potential participants, topics, and presenters. The chair of each panel discussion or session will be expected to organise the structure of the discussion, set the order of presentations and coordinate the session.

All accepted abstracts will be published in the conference abstract book which will be available as a booklet at the conference. In addition, after the conference, authors will be given the opportunity to submit their full papers and be considered for publication in the conference

proceedings. It is planned to publish the proceedings with Springer in their Communications in Computer and Information Science series (final approval pending). Submitted full papers will go through the process of peer-review.

Important Dates

Deadline for abstract submission: 30 November 2019
Notification of acceptance: 1 February 2020
Early registration: 1 February - 31 March 2020
Late registration: 1 April - 15 May 2020
Conference Dates: 3-5 June 2020

For any enquiries regarding the conference, please contact Dr. Maria Shehade at: museumconference@rise.org.cy

CHAIRS

- Theopisti Stylianou-Lambert, Associate Professor, Cyprus University of Technology/ Research Centre on Interactive media, Smart systems and Emerging technologies (RISE)
- Maria Shehade, Research Associate, Research Centre on Interactive media, Smart systems and Emerging technologies (RISE)

CONFIRMED KEYNOTE SPEAKERS

- Professor Sarah Kenderdine, Laboratory for Experimental Museology (eM+), École Polytechnique Fédérale de Lausanne (EPFL), Switzerland
- Professor Alan Chalmers, WMG, University of Warwick, United Kingdom
- Dr Nancy Proctor, Director, The Peale Center for Baltimore History and Architecture, USA
- Dr Jenny Kidd, Senior Lecturer, School of Journalism, Media and Culture, Cardiff University, UK
- Dr. Roberto Scopigno, Director ISTI-CNR, Pisa, Italy

SCIENTIFIC COMMITTEE

- Tim Weyrich, Deputy Director of the UCL Centre for Digital Humanities, Professor of Visual Computing, UCL Department of Computer Science, UK
- Andrea Witcomb, Professor of Cultural Heritage and Museum Studies, Deakin University, Australia
- Bernard Frischer, Director of the Virtual World Heritage Laboratory, Department of Informatics Indiana University, USA
- Giasemi Vavoula, Associate Professor, School of Museum Studies, University of Leicester, UK
- Gareth Beale, Lecturer, University of Glasgow, UK

- Areti Damala, Lecturer, Université Paris 8, Paris, France
- Kostas Arvanitis, Senior Lecturer, University of Manchester, UK
- Fiona Cameron, Senior Research Fellow, Western Sydney University, Australia
- Tsvi Kuflik, Professor of Information Systems, Co-chair of the Digital Humanities BSc, Information Systems department, The University of Haifa, Israel
- Haitham Eid, Associate Professor/Director, Master of Arts in Museum Studies Program, Southern University at New Orleans, USA
- Georgios Artopoulos, Assistant Professor, STARC, The Cyprus Institute, Cyprus
- Nikolas Bakirtzis, Associate Professor Director, Doctoral Program in Science and Technology in Cultural Heritage, STARC, The Cyprus Institute, Cyprus
- Elena Villaespesa, Assistant Professor, Pratt Institute, USA
- Maria Economou, Senior Lecturer, University of Glasgow, UK
- Marinos Ioannides, Director of UNESCO Chair on Digital Cultural Heritage at the Cyprus University of Technology, Cyprus
- Hannah Turner, Lecturer, School of Museum Studies, University of Leicester, UK
- Katherine Burton Jones, Director of the Graduate Program in Museum Studies, Harvard University Extension School, USA
- Stella Sylaiou, Adjunct Lecturer, Hellenic Open University, Greece
- Theopisti Stylianou-Lambert, Associate Professor, Cyprus University of Technology/ MRG leader, Research Centre on Interactive Media, Smart Systems and Emerging Technologies (RISE), Cyprus
- Maria Shehade, Research Associate, Museum Lab, Research Centre on Interactive Media, Smart Systems and Emerging Technologies (RISE), Cyprus
- Antigone Heraclidou, Research Associate, Museum Lab, Research Centre on Interactive Media, Smart Systems and Emerging Technologies (RISE), Cyprus
- Yiorgos Chrysanthou, Professor, Computer Science Department, University of Cyprus/ Research Director, Research Centre on Interactive Media, Smart Systems and Emerging Technologies (RISE), Cyprus
- Andreas Lanitis, Professor, Cyprus University of Technology/ MRG leader, Research Centre on Interactive Media, Smart Systems and Emerging Technologies (RISE), Cyprus
- Apostolos Sarris, Professor, Chair "Sylvia Ioannou" for Digital Humanities, Archaeological Research Unit (ARU), Department of History and Archaeology, University of Cyprus
- Daniela De Angeli, Research Associate, Centre for the Analysis of Motion, Entertainment Research and Applications (CAMERA), Department of Computer Science, University of Bath, UK
- Maria Roussou, Assistant Professor, Department of Informatics and Telecommunications, National and Kapodistrian University of Athens, Greece
- Kirsten Drotner, Professor, FRDAS, MAE, University of Southern Denmark / Scientific director of Our Museum
- Alan Chalmers, Professor, WMG, University of Warwick, UK
- Alexandra Bounia, Associate Professor, UCL Qatar
- Jenny Kidd, Senior Lecturer, Cardiff University, UK
- George Papagiannakis, Associate Professor, University of Crete / Adjunct Researcher, Institute of Computer Science, Foundation for Research & Technology - Hellas (FORTH), Greece
- Elena Stylianou, Associate Professor, Vice-Chair Department of Arts, Director Cultural Studies and Contemporary Arts Lab, European University Cyprus, Cyprus
- Anna Foka, Associate Professor, Scientific Leader DH Uppsala, Uppsala University, Sweden

- Agiatis Benardou, Senior Research Associate, Digital Curation Unit, ATHENA Research Centre, Greece
- Lily Hibberd, Research fellow, Université de Paris and Scientific Assistant, eM+, EPFL.
- Annette Loeseke, Adjunct Lecturer, New York University, Berlin Campus, Germany
- Colin Sterling, Post-Doctoral Research Associate and AHRC Early Career Leadership Fellow, UCL Institute of Archaeology, UK
- Volker Kuchelmeister, Research Fellow Immersive Visualisation, UNSW felt Experience and Empathy Lab, Sydney, Australia
- Despina Catapoti, Assistant Professor, University of the Aegean, Greece
- Sharon Webb, Lecturer, University of Sussex, UK
- Angeliki Chrysanthi, Adjunct Lecturer, University of the Aegean, Greece
- Antonis Bikakis, Associate Professor, UCL Department of Information Studies, UK
- Andreas Georgopoulos, Professor of Photogrammetry & Monument Recording, Lab. of Photogrammetry, National Technical University of Athens (NTUA), Greece
- Martin Kampel, Technische Universität Wien, Austria
- Loraine Clarke, Postdoctoral Research Associate, DJCAD, University of Dundee, UK
- Eva Hornecker, Professor, Bauhaus-Universität Weimar, Germany
- Franco Niccolucci, Professor, Director of VAST-LAB, University of Florence and Editor-in-Chief, ACM Journal of Computing and Cultural Heritage (JOCCH)
- George Caridakis, Assistant Professor, Department of Cultural Technology, University of the Aegean, Greece