International Journal of Heritage in the Digital Era

Description: The International Journal of Heritage in the Digital Era (IJHDE) is a quarterly high quality peer reviewed journal in the area of Digital Cultural Heritage and Digital Libraries. The journal's main scope is to advance the theory, research, practice and to provide a bridge of communication for academicians, researchers, professionals, scientists and students worldwide working in the different areas and disciplines of Digital Heritage. The IJHDE will focus on interdisciplinary and multi-disciplinary research concerning both innovative Cultural Heritage Informatics and use of technology for the digitalization, representation, documentation, archiving, preservation, and communication of Cultural Heritage knowledge.

The journal is designed to serve as a source reference and archive of advancements in the following themes:

- Digital Data Acquisition Technologies in Cultural Heritage
- 2D and 3D Data Capture Methodologies and Data Processing in Cultural Heritage
- On-site and remotely sensed data collection in Cultural Heritage
- 2D and 3D GIS in Cultural Heritage
- Remote Sensing for Archaeology, GPS and GIS in Cultural Heritage Management & Monitoring
- CAD and FEM based Digital Reconstructions and 3D Modeling
- Reproduction Techniques and Rapid Prototyping in CH
- Visualization Techniques (desktop, Virtual and Augmented Reality)
- Virtual Reality in Archaeology and Historical Research
- Multimedia, Multilingual, Data Management and Archiving in Cultural Heritage
- Construction and indexing of large scale Multimedia/Multilingual data
- Encyclopedias in Cultural Heritage
- Computer Animation for CH Applications and Virtual Heritage
- Game Technologies in Cultural Heritage
- Non-Photorealistic Rendering of CH Data
- Virtual Museum Applications (e-Museums and e-Exhibitions)
- Digital/Virtual Documentation of Archaeological Excavations
- Novel Internet-based Cultural Heritage Applications
- Portals and Digital Libraries of Culture
- Usability, Effectiveness and Interface Design for Cultural Heritage Applications
- Interactive Environments and Applications in Cultural Heritage
- e-Libraries and e-Archives in Cultural Heritage
- National Digital Libraries and Aggregators as cross-domain systems
- Long term availability of content and its long term accessibility
- Effective IC-Technologies for the creation, management and reuse of content and knowledge
- Storytelling and authoring tools
- e-Learning in Cultural Heritage
- Tools for Education, Documentation and Training in Cultural Heritage
- Archaeological Analysis and Interpretive Design
- Standards, Metadata, Ontologies and Semantic Processing in Cultural Heritage and Digital Libraries
- Authentication, Accreditation and Digital Rights Management
- Legal issues: Water-Marking, Orphan Works, Copyrights and IPR
- Professional and Ethical Guidelines in Digital Cultural Heritage
- The Economics of Cultural Informatics and Tourism
- Natural and Man initiated deconstruction of Cultural Heritage and prevention techniques.
- ICT assistance in monitoring and restoration of monuments, archeological sites and artifacts

Contents:

COLONIA 3D – COMMUNICATION OF 3D VIRTUAL RECONSTRUCTIONS IN PUBLIC SPACES
Matthias Trapp* et al. *Hasso-Plattner-Institut, University of Potsdam

PROCESSING PATHS FROM INTEGRATING MULTIMODAL 3D MEASUREMENT OF SHAPE, COLOR AND BRDF
Robert Sitnik* et al. *WUT, Faculty of Mechatronics, Poland

A NEW ‘OPEN’ METHOD FOR 3D MODELLING ON UNDERWATER ARCHAEOLOGICAL SITES.
Dimitrios Skarlatos* et al. *Cyprus University of Technology

E.STONE, AN ARCHIVE FOR THE SARDINIA MONUMENTAL WITNESSES
Giorgio Verdiani* et al. *Università degli Studi di Firenze, Facoltà di Architettura

LONG TERM MONITORING OF AIR POLLUTION ON MONUMENTS AND CULTURAL HERITAGE SITES IN CYPRUS USING SATELLITE REMOTE SENSING
Kyriakos Themistocleous* et al. *Cyprus University of Technology

A REVIEW OF REALITY-BASED 3D MODELING, SEGMENTATION AND WEB-BASED VISUALIZATION METHODS
Fabio Remontino* et al. *3D Optical Metrology Unit, FBK Trento, Italy

MEASURING THE CLASSIC MARATHON COURSE
Andreas Georgopoulos* et al. *Laboratory of Photogrammetry, National Technical University of Athens, Greece

Investigation of salt weathering on stone monuments by use of a modern wireless sensor network exemplified for the rock-cut monuments in Petra / Jordan - a research project (2010 - 2013)
Kurt Heinrichs et al., Germany

3D laser scanning for site monitoring and conservation in Lalibela World Heritage Site, Ethiopia
Heinz Rüther et al., South Africa

An interactive 3-dimensional database applied to the conservation of a painted chapel
Jean-Marc Vallet et al., France

DOCUMENTATION OF WEATHERED ARCHITECTURAL HERITAGE WITH VISIBLE, NEAR INFRARED, THERMAL AND LASER SCANNING DATA
José Luis Lerma et al., Spain

An Enhanced On-Line Service for 3D Model Construction from Photographs
David Tingdahl et al., Belgium

Preliminary Risk Assessment at the Petra Archaeological Park: Recording Strategy
Giorgia Cesaro et al., Belgium

Tools for Virtual Reassembly Of Fresco Fragments Benedict Brown United States
Lara Laken et al., Netherlands

Digital technologies for knowledge: a survey and 3D model of the Tribuna of Palazzo Grimani in Venice
Martina Ballarin et al., Italy

THE ICOMOS-ISCS ILLUSTRATED GLOSSARY ON STONE DETERIORATION PATTERNS: FROM CONCEPTION TO TRANSLATION AND DISSEMINATION
Veronique Vergès-Belmin et al., France

Ordering:
Order Online - http://www.researchandmarkets.com/reports/2019957/
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: International Journal of Heritage in the Digital Era
Web Address: http://www.researchandmarkets.com/reports/2019957/
Office Code: SCH3FX84

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Copy and Online Access (1 Year Sub.):</td>
<td>☐</td>
<td>USD 388 + USD 58 Shipping/Handling</td>
</tr>
<tr>
<td>Hard Copy (1 Year Sub.):</td>
<td>☐</td>
<td>USD 365 + USD 58 Shipping/Handling</td>
</tr>
<tr>
<td>Online Access (1 Year Sub.) - Single User:</td>
<td>☐</td>
<td>USD 355</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr ☐ Mrs ☐ Dr ☐ Miss ☐ Ms ☐ Prof ☐
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account number</td>
<td>833 130 83</td>
</tr>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street,</td>
</tr>
<tr>
<td></td>
<td>Blackrock, Co. Dublin, Ireland.</td>
</tr>
</tbody>
</table>

If you have a Marketing Code please enter it below:

Marketing Code: ___________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World