

2015 Digital Heritage International Congress

(2015 Digital Heritage)

federating the

21st Int'l VSMM,
13th Eurographics GCH,

plus Special Sessions from

CIPA ICOMOS/ISPRS Special Heritage Documentation Workshop,
CAA Fall Symposium,
7th Int'l Meeting Arqueológica 2.0,
Space2Place,
ArcheoVirtual,
ICOMOS Digital Interpretation Panel,
EU projects, et al.

Volume 1

Digitization & Acquisition

Computer Graphics & Interaction

28 Sep – 2 Oct 2015
Granada, Spain

IEEE Catalog Number: CFP1508W-PRT
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2015 Digital Heritage

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Digitization & Acquisition

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Editors

Gabriele Guidi	Roberto Scopigno
Juan Carlos Torres	Holger Graf

Fabio Remondino	Luciana Duranti
Pere Brunet	Susan Hazan
Juan Barceló	

28 Sep – 2 Oct 2015
Granada, Spain

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Preface

These two volumes contain the papers presented at DigitalHeritage 2015, Granada (Spain), Sept. 28th – Oct. 2nd. This is the second edition of a multidisciplinary and federated event, aimed at gathering in a single location multiple communities working on the application of digital technology to the documentation, conservation, exhibition, and understanding of humanity's shared past. Following the approach developed in 2013, the scientific program has been selected through a single call for papers and a single review process, endorsed by all of the federated events. The scientific papers included in these proceedings are the result of a complex process that involved the conference chairs, scientific reviewers, and the conference management staff.

The call of paper was structured by the IPC Chairs by setting up five themes:

- Digitization and Acquisition
- Computer Graphics and Interaction
- Analysis and Interpretation
- Theory, Methodologies, Preservation and Standards
- Digital Heritage Projects and Application

For each of these themes, we selected a Theme Chair and solicited Full Papers, Short Papers, and Works-In-Progress contributions.

The response from the community was strong: we received a total of 359 submissions (126 full papers, 160 short papers and 73 works-in-progress). All these submissions were reviewed by members of the International Program Committee, 168 experts from across the heritage and technology spectra. These experts contributed 760 double-blind peer reviews. We assigned each full/short submission to three reviewers, aiming to have at least two reviews finalized in the conference management system. Both, the IPC Chairs and the Theme Chairs, did their best in assigning reviews to the IPC members most knowledgeable on a specific topic, shepherding the process, replacing reviewers when needed, and completing many reviews themselves to decide on papers with conflicting assessments. The result of this review process was the acceptance of 52 full papers, 155 Short papers, and 63 Works-in-Progress, of which 156 presented orally and 114 as posters.

Since the exchange of ideas, debate, and discussion with colleagues is an important component of scientific communication, our week-long program has been supplemented with time for networking, sharing of local culture and gastronomy, plus an array of cultural visits around the region. Such an event would not have been possible without the generous contributions and support of many colleagues and partners. We warmly thank the conference General Chairs, the local organizers and all the reviewers who helped to select the papers for the proceedings.

In closing, we thank all of you: the attendees of the Digital Heritage 2015 conference and the many other people who will read these proceedings in the future. We are proud to present you these two volumes and to welcome you to Granada and to the second International Congress on Digital Heritage. We wish you an enriching, stimulating, and enjoyable week of discovery.

On behalf of the International Program Committee and the Theme Chairs,



Gabriele Guidi

(IPC Chairs)



Roberto Scopigno

Granada, 28 September 2015

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