ArtHist.net

Where Computer Vision Meets Art (VISART VII) (Milan, 29–30 Sep 24)

Milan, Italy
Deadline: Jul 3, 2024

visarts.eu

Amanda Wasielewski

7th Workshop on Computer VISion for ART Analysis VISART VII:
"Where Computer Vision Meets Art", in conjunction with the 2024 European Conference on Computer Vision (ECCV), MiCo Milano, Milano, Italy.

ORGANIZERS:
Amanda Wasielewski, Uppsala University
Nanne van Noord, University of Amsterdam
Noa Garcia, Osaka University
Peter Bell, University of Marburg
Stuart James, Durham University & UCL DH

Following the success of the previous editions of the Workshop on Computer VISion for ART Analysis held in 2012, `14, `16, `18, `20, `22, we present VISART VII. VISART will continue its role as a forum for the presentation, discussion, and publication of Computer Vision (CV) techniques for the understanding of art. The explosion in the generative art, digitization of artworks, and digitally-born art highlights the importance of application in the overlap between CV and art; such as ways to reason, connecting language, structuring data (i.e. databases) for Art to Cultural Heritage.

The recent explosion in the digitisation of artworks highlights the concrete importance of application in the overlap between CV and art; such as the automatic indexing of databases of paintings and drawings, or automatic tools for the analysis of cultural heritage. Such an encounter, however, also opens the door both to a wider computational understanding of the image beyond photo-geometry, and to a deeper critical engagement with how images are mediated, understood or produced by CV techniques in the `Age of Image-Machines' (T. J. Clark). Submissions to our first track should primarily consist of technical papers, our second track, therefore encourages critical essays or extended abstracts from art historians, artists, cultural historians, media theorists and computer scientists.

The purpose of this workshop is to bring together leading researchers in the fields of computer vision and the digital humanities with art and cultural historians and artists, to promote interdisciplinary collaborations, and to expose the hybrid community to cutting-edge techniques and open problems on both sides of this fascinating area of study.

As with the prior edition, VISART VII offers two tracks:
1. Computer Vision for Art - technical work (standard ECCV submission, 14 page excluding references, appearing in proceedings)
2. Uses and Reflection of Computer Vision for Art (Extended abstract, 4 page, excluding references, NOT appearing in proceedings)

New in this edition of the VISART Workshop we introduce a panel session with renowned experts from Computer Vision and Digital Humanities.

TOPICS include but are not limited to:
- Art History and Computer Vision
- Image and visual representation in art and visual culture
- 3D reconstruction from visual art or historical sites
- Approaches for generative art
- 2D and 3D human pose and gesture estimation in art
- Multi-modal multimedia systems and human-machine interaction
- Multimedia databases and digital libraries for artistic research
- Visual Question & Answering (VQA) or Captioning for Art
- Interactive 3D media and immersive AR/VR for cultural heritage
- Computer Vision for cultural heritage
- Big-data analysis of art Media content analysis and search
- Media content analysis and search

SUBMISSION:
This workshop in conjunction with ECCV 2024, calls for high-quality, previously unpublished, works related to Computer Vision and Cultural History. Submissions for both tracks should conform to the ECCV 2024 proceedings style and will be double-blind peer-reviewed by at least three reviewers. However, extended abstracts will not appear in the conference proceedings. Papers must be submitted online through the CMT submission system at: https://cmt3.research.microsoft.com/VISARTVII2024

IMPORTANT DATES
Full & Extended Abstract Paper Submission: July 3rd 2024
Notification of Acceptance: August 12th 2024
Workshop: September 29th/30th 2024
Camera-Ready Paper Due: August 22nd 2024

Reference:

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