

Image Processing for Artist Identification (Amsterdam, 14 May 07)

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FIRST INTERNATIONAL WORKSHOP ON IMAGE PROCESSING FOR ARTIST IDENTIFICATION

Brushwork in the Paintings of Vincent Van Gogh

Date: Maandag 14 May 2007

Location: Van Gogh Museum, Amsterdam, Auditorium,
10:00 am - 6:00 pm

Subscription: haanen@vangoghmuseum.nl

URL: www.digitalpaintinganalysis.org/workshop/

Description:

Computer processing of digital images of artwork is an emerging and rapidly growing cross-disciplinary activity. To help stimulate this interaction, at this workshop five teams of academic image processors will introduce their craft to an audience of art historians and conservation Specialists (in training and in practice) and report on their evaluation of a dataset of 101 paintings from the collection of the Van Gogh Museum and the Kröller-Müller Museum. The dataset, approximately 20% of which is considered not (or questionably) by Vincent Van Gogh, is a collection of high resolution greyscale scans of large format ektachrome transparencies. The five teams (from Maastricht University, Vienna University of Technology, Penn State University, Dartmouth College, Georgia Tech, and Princeton University) employ a mixture of human extraction of painting segments deserving study and sophisticated algorithms for image texture characterization.

The daylong workshop program will consist of four parts:

- a tutorial description of the concepts and applications of image processing suited to brushwork analysis in ascertaining the hand of the artist
- a presentation of selected issues of current art historical interest in Van Gogh studies as illustrated by the workshop dataset
- reports from each image processing team on their results from addressing these issues with their schemes

- commentary by a panel of art historians on current possibilities and future directions for cross-disciplinary exchange between image processors and art historians interested in attribution.

For further information, including a listing of the dataset's 101 paintings, background on some relevant art historical issues, and workshop registration forms, please see www.digitalpaintinganalysis.org/workshop/

Reference:

CONF: Image Processing for Artist Identific.(Amsterdam,14 May 07). In: Arthist.net, Mar 16, 2007 (accessed Sep 13, 2025), <<https://arthist.net/archive/29063>>.