The Electronic Media Review

Electronic Media Group

Papers presented at the Electronic Media Group session of the 35th AIC Annual Meeting, Los Angeles, California, 2009, and the 36th AIC Annual Meeting, Milwaukee, Wisconsin, 2010.

Volume One 2012

Jeffrey Warda, Managing Editor

Edited by Fletcher Durant, Gwynne Ryan, and Jeffrey Warda





American Institute for Conservation of Historic and Artistic Works

American Institute for Conservation of Historic and Artistic Works Washington DC

The Electronic Media Review is published once every two years in print format by the Electronic Media Group (EMG), a specialty group of the American Institute for Conservation of Historic and Artistic Works (AIC). The Electronic Media Review is distributed as a benefit to members of EMG who held membership during the year of the issue. Additional copies or back issues are available from AIC. All correspondence concerning subscriptions, membership, back issues, and address changes should be addressed to:

American Institute for Conservation of Historic and Artistic Works 1156 15th Street, NW, Suite 320 Washington DC 20005-1714 info@conservation-us.org http://www.conservation-us.org

The Electronic Media Review is a non-juried publication. Papers presented at the EMG session of the AIC Annual Meeting are selected by committee based on abstracts. After presentation, authors have the opportunity to revise their papers before submitting them for publication in The Electronic Media Review. There is no further selection review of these papers. Independent submissions are published at the discretion of the EMG Publications Committee. Authors are responsible for the content and accuracy of their submissions and for the methods and materials they present. Publication in The Electronic Media Review does not constitute official statements or endorsement by the EMG or by the AIC.

Volume One Copyright © 2012
Electronic Media Group
American Institute for Conservation of Historic and Artistic Works
All rights reserved by the individual authors
ISSN 2166-1103
Printed by The Sheridan Group, Hanover, Maryland.

The paper used in this publication meets the minimum requirements of ANSI/NISO Z39.48-1992, American National Standards for Permanence of Paper for Publications and Documents in Libraries and Archives.

Designed by Jon Rosenthal / JonRosenthalDesign.com Typeset in Trade Gothic LT and Myriad Pro

ELECTRONIC MEDIA GROUP AMERICAN INSTITUTE FOR CONSERVATION OF HISTORIC AND ARTISTIC WORKS

EMG OFFICERS 2009

Christine Frohnert, Chair Gwynne Ryan, Program Chair Fletcher Durant, Assistant Program Chair Martha Singer, Secretary/Treasurer Holly Robertson, Website Director

EMG OFFICERS 2010

Christine Frohnert, Chair Fletcher Durant, Program Chair Joanna Philips, Assistant Program Chair Martha Singer, Secretary/Treasurer Holly Robertson, Website Director

EMG PUBLICATIONS COMMITTEE

Fletcher Durant Gwynne Ryan Jeffrey Warda

MANAGING EDITOR

Jeffrey Warda

TABLE OF CONTENTS

Preface	V
Papers presented at the Electronic Media Group Session, AIC 35th Annual Meeting, May 15–20, 2009, Los Angeles, California	
Obsolete and Beyond the Pale: The Politics of Restoring Underground Film LEAH CHURNER	. 1
Heart Beats Dust: The Conservation of an Interactive Installation from 1968 and an Introduction to E.A.T (Experiments in Art and Technology) CHRISTINE FROHNERT	. 3
Forging the Future Using Web 2.0 Cataloging Techniques MICHAEL KATCHEN	13
Sustaining Dynamic Media Objects and Digital System Environments: An Assessment of Preservation Methods for Computer Based Artworks TABEA LURK AND JÜRGEN ENGE	1,6
A Case for Digital Conservation Repositories	1.
BARBRA MACK AND GLENN WHARTON	23
Gary Hill's Suspension of Disbelief (for Marine): Documentation Strategies for Time-Based Media. Part II. JEFF MARTIN	45
Reconstructing a Simulation: Ant Farm and T.R. Uthco's The Eternal Frame GLENN R. PHILLIPS	49
Gary Hill's <i>Suspension of Disbelief (for Marine)</i> : Documentation Strategies for Time-Based Media. Part I	
GWYNNE RYAN	5.
Codec Comparison for the Digital Preservation of Analog Video ANGELO SACERDOTE AND LAUREN SORENSEN	59
Inside Installations: An Introduction TATJA SCHOLTE AND VIVIAN VAN SAAZE	7.
Fabrizio Plessi's <i>Liquid Time II</i> at the Center for Art and Media (ZKM): Options and Limitations for an Authentic Reinstallation FENNA YOLA TYKWER	8
From Singularity to Multiplicity? A Study into Versions, Variations,	0.
and Editions in Museum Practices VIVIAN VAN SAAZE	87

Characterizing Optical Disc Longevity at the Library of Congress JENNIFER A. WADE AND MICHELE YOUKET	. 97
To Emulate or Not: A Case Study for <i>Revolution: A Monument for</i>	
the Television Revolution By Jeffrey Shaw GABY WIJERS	107
Fabrizio Plessi's <i>Liquid Time II</i> at the ZKM Center for Art and Media. Part I: Preservation and Presentation of a Large-Scale Kinetic Video Sculpture	110
THOMAS ZIRLEWAGEN	113
Papers presented at the Electronic Media Group Session, AIC 36th Annual Meeting, May 11–14, 2010, Milwaukee, Wisconsin	
Baking, Mineral Oil, and Windex: A Look at the Sorry State of Pre-Digitization Conservation Treatment for Audiovisual Media	
GEORGE BLOOD AND CASSANDRA GALLEGOS	123
Encounters with a Very-Large Picture Collection: The Joseph Selle Collection of Street Vendor Photography	107
CHRISTOPHER BURNETT	127
The Artist Stripped Bare of his Papers, Even: An Interview with Cory Arcangel WALTER FORSBERG	129
Sticky-Shed Syndrome in Audio Magnetic Tapes: Possible Causes and Analysis STEPHEN C. HOBAICA	135
Image Storage and Permanence Considerations in the Long-Term Preservation of Photographic Images—An Update and Additional Considerations	
JOSEPH LABARCA	137
Shifting Equipment Significance in Time-Based Media Art JOANNA PHILLIPS	139
One Thing After Another: Developing a Digital Archeology for the Warren Spector Collection, a Case Study	
ELIZABETH L. SERAMUR	155
An Introduction to the Audiovisual Self-Assessment Program at the University of Illinois at Urbana-Champaign	
JENNIFER HAIN TEPER	163
Guidelines for Authors	171

The Electronic Media Review • Volume One 2012

PREFACE

EMG is pleased to present the first volume of *The Electronic Media Review*, a biennial publication of the talks presented at the EMG session of the AIC Annual Meeting. This volume contains the post-prints from the 2009 EMG session in Los Angeles, California, and the 2010 session in Milwaukee, Wisconsin.

This publication is free to members of EMG during the period covered by the talks. To join EMG, visit http://cool.conservation-us.org/coolaic/sg/emg.

Thirteen years after the founding of EMG in 1999, *The Electronic Media Review* has been a long time in the making and represents an important contribution to this relatively new field in conservation. This current issue documents a number of essential concepts that are unique to the care and preservation of electronic media and demonstrates how far the profession has grown over the last few decades. Many of the papers also highlight areas where further research is needed or where attitudes are shifting. This is a critical time for the profession, as many core principles are being standardized and accepted by practicing conservators. With that in mind, it is extremely gratifying to see this publication come to life at such an important time in our history, after so many years of planning and hard work by members of EMG and the officers of the EMG board, both past and present.

The EMG Officers and Publications Committee are indebted to the speakers at our Annual Meeting sessions in 2009 and 2010 for sharing their research and providing a foundation of knowledge for the conservation of electronic media.

Jeffrey Warda Managing Editor