

Announcement of Joint Lectures on “Applications of Multispectral Imaging in the Long-Term Preservation of Cultural Heritage” by Guest Speakers Ken Boydston and Henry Wilhelm at the Canadian Photography Institute of the National Gallery of Canada on Tuesday Afternoon, January 31, 2017, in the Lecture Hall at the National Gallery from 2:00–4:00 pm. Hosted by John P. McElhone, Chief, Conservation and Technical Research at the National Gallery of Canada and the Canadian Photography Institute.

***Bringing the Past to Light – Multispectral Imaging in the Forensic Discovery and Long-Term Monitoring of Cultural Heritage Materials: The Dead Sea Scrolls in Israel; President Abraham Lincoln’s Gettysburg Address; The David Livingston Africa Diaries; and Other Historical Documents and Objects***

By Ken Boydston, Chief Color Scientist and President of MegaVision Inc., Santa Barbara, California U.S.A.

Resources:

(1) [Ken Boydston Biography – January 2017.pdf](#)

(2) [Introducing the Jubilees Palimpsest Project - Milan, Italy - 2017.pdf](#)

(3) [http://www.mega-vision.com/cultural\\_heritage.html](http://www.mega-vision.com/cultural_heritage.html)

(4) <http://mega-vision.com/news/index.html>

(5) <https://www.youtube.com/watch?v=jznHiRNzlnA>

(From the Public Broadcasting Service – PBS, April 21, 2014: “The Lost Diary of Dr. Livingston”)

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***Applications of Multispectral Imaging in Image Permanence Testing and the Use of Large Data Set Micro-Targets in the Full-Tonal-Scale Colorimetric Evaluation of the Permanence of Historical and Contemporary Monochrome and Color Photographic Materials***

By Henry Wilhelm, Director of Research, Wilhelm Imaging Research, Inc., Grinnell, Iowa U.S.A.

Resources:

(6) [Henry Wilhelm Biography – January 2017.pdf](#)

(7) [Salted Paper Prints Proposal - FAIC Application 11230 - Ver 3 - 2017.pdf](#)

(8) [MoMA-WIR Hinging Adhesives Research Poster ICOM-CC Rijksmuseum, Amsterdam 2016.pdf](#)

(9) [WIR Imaging Japan2011 HW KB.pdf](#)

(10) [WIR IST 2007 09 HW DS.pdf](#)

(11) [WIR IST 2004 11 MMG HW DS.pdf](#)

(12) <http://www.wilhelm-research.com>

# ***Bringing the Past to Light***

**Multispectral Imaging in the Forensic Discovery  
and Long-Term Monitoring of Cultural Heritage  
Materials: The Dead Sea Scrolls in Israel,  
President Abraham Lincoln's Gettysburg Address,  
The David Livingston Africa Diaries,  
and Other Historical Documents and Objects**

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**Canadian Photography Institute (CPI)  
of The National Gallery of Canada**

**Organized by John McElhone**

**Ottawa, Ontario, Canada**

**January 31, 2017**

# **Applications of Multispectral Imaging in Image Permanence Testing and the Use of Large-Data-Set Microtargets in the Full-Tonal-Scale Colorimetric Evaluation of the Permanence of Historical and Contemporary Monochrome and Color Photographic Materials**

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