

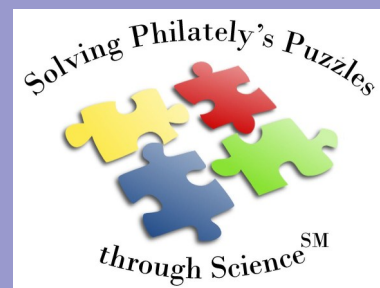
Institute for Analytical Philately, Inc.

Organizer and Sponsor:

David L Herendeen
President
Institute for Analytical Philately, Inc.

Host:

Thomas Lera
Winton M. Blount Chair of Research
Smithsonian National Postal Museum



FIRST INTERNATIONAL SYMPOSIUM ON ANALYTICAL METHODS IN PHILATELY

PROGRAM SCHEDULE

12-14 November 2012

Smithsonian National Postal Museum

Washington, DC

SUNDAY EVENING, 11 NOVEMBER 2012

18:30

No-Host Cocktails and Dinner for Attendees
Location To Be Determined

MONDAY, 12 NOVEMBER 2012

08:00-08:30

Registration and Refreshments

08:30-08:35

Welcoming Comments, Dave Herendeen, IAP

08:35-08:40

NPM Procedures:

Museum Rules and Directions, Tom Lera, NPM

08:40-08:55

Personal Introductions by Attendees

08:55-9:40

KEYNOTE ADDRESS

The Place of Analytical Methods in Philately
David Beech (British Library, London, UK)

09:40-10:25

SPECIAL GUEST LECTURE

Using XRF for Philatelic Analysis

Dr. Bruce Kaiser (Chief Scientist, Bruker Elemental, USA)

10:25-10:40

The Group Brainstorming Exercise

John Barwis (IAP)

10:40-10:55

Break (15 Minutes)

10:55-11:40

Measuring Paper Characteristics of the U.S. Three-Cent
Bank Note Co. Issues
John Barwis (IAP)

11:40-12:15

A Comparative Study of Security Measures
Used by Stamp Printers
Garfield Portch and Charles Verge (VGGF, Canada)

12:15-13:00

Comprehensive Forensic Investigation of three
Great Britain 1858-79 1d Plate 77 stamps on Cover
Abed H. Najjar (London, UK)

13:00-13:55

Catered Lunch

13:55-14:40

WORK IN PROGRESS

Reflectance Spectroscopy of Colored Overprints
Dr. Lyman Caswell (IAP)

New Ways of Looking at Pre-Philatelic Inks
Dr. Dieter Bortfeldt (Colombia)

14:40-15:25

Application of PIXE Analysis to Philately
Prof. Thomas E. Gill (University of Texas at El Paso)

15:25-15:40

Break (15 Minutes)

15:40-16:20

Statistical Estimates of Rare Stamp Populations
Dave Herendeen (IAP) and
Prof. Gary C. White (Colorado State University)

16:20-17:00

A Layman's Forensic Adventure
Roland H. Cipolla II

17:00

Adjourn for the Day

DINNER – OPEN

Please see the list of restaurants
in your Portfolio.

SOME OF OUR SPEAKERS...



ORGANIZER
David L. Herendeen
President
IAP



Dr. Bruce Kaiser
Chief Scientist
Bruker Elemental
Special Guest Lecture



David Beech
Head, Philatelic Collections
British Library (UK)
Keynote Address



HOST
Thomas Lera
Blount Research Chair
National Postal Museum



John H. Barwis
Vice President
IAP

TUESDAY, 13 NOVEMBER 2012

08:00-08:30

Refreshments

08:30-09:15

US 1851 3c – Color, Chemistry, and Changes
Jim Allen (IAP)

09:15-10:00

Documenting Science in the Philatelic Literature
Dave Herendeen (IAP)

10:00-10:45

Analytical Philately of the London Printings
of Chile 1853-1862
Tom Lera (NPM) and Jennifer Giaccai (MCI)

10:45-11:00

Break (15 Minutes)

11:00-11:45

Complimentary Micro Raman and Micro Energy Dispersive
X-Ray Fluorescence Analysis for Applications in Philately
Prof. Gene Hall (Rutgers, State University of New Jersey)

11:45-12:30

A Forensic Study of the Ink and Paper of the
Typographed 1862 5c Blue CSA Stamps
Dr. Harry G. Brittain (Center for Pharmaceutical Physics)

12:30-13:30

Catered Lunch

13:30-14:30

PANEL: PLANNING A RESEARCH PROJECT
Jennifer Giaccai (Smithsonian MCI), Moderator
Dr. Harry G. Brittain (CPP)
Dave Herendeen (IAP)

14:30-15:15

Multispectral Imaging
Dr. William Christens-Barry (Equipoise Imaging, LLC)

15:15-15:30

Break (15 Minutes)

15:30-16:15

Where Do We Go from Here?
Summary of Group Brainstorming Exercise
John Barwis (IAP)

16:15-17:00

Closing Comments and Attendee Feedback
Dave Herendeen (IAP)

DINNER – OPEN

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in your Portfolio.

... MORE OF OUR SPEAKERS



Jame A. Allen
Director
IAP



Prof. Gene Hall
Rutgers University



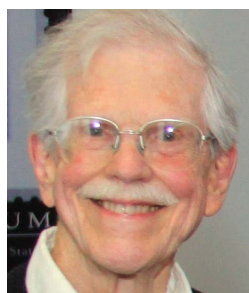
Dr. William
Christens-Barry
Equipoise Imaging



Abed H. Najjar
IAP (UK)



Dr. Harry G. Brittain
Center for Pharmaceutical
Physics, Inc.



Lyman Caswell
IAP Fellow



Prof. Tom Gill
University of Texas
El Paso



Garfield Portch
Vincent Graves Greene
Foundation (Canada)



Dr. Dieter Bortfeldt
IAP (Colombia)



Jennifer Giaccai
Smithsonian Museum
Conservation Institute

WEDNESDAY, 14 NOVEMBER 2012

08:00-09:00

PANEL: FORUM ON NPM FORENSIC EQUIPMENT

**Tom Lera (NPM), Moderator
Dr. Bruce Kaiser (Bruker Elemental)
Jennifer Giaccai (Smithsonian MCI)**

09:00-12:00

**DEMONSTRATION OF NPM FORENSIC DEVICES
BY DOMAIN EXPERTS**

THE VIDEO SPECTRAL COMPARATOR (VSC6000): Tom Lera

BRUKER TRACER III-SD XRF SYSTEM: Dr. Bruce Kaiser

BRUKER FT-IR: Jennifer Giaccai

Other IAP Members with experience will also be available to answer questions

**ALL ATTENDEES ARE ENCOURAGED TO PARTICIPATE. BRING SOME STAMPS
AND COVERS AND YOU CAN SEE "LIVE" ANALYSES!**



VSC 6000



Bruker FT-IR



Bruker Tracer III-SD XRF