



CHAT TRANSCRIPT unabridged from the 10 September 2026 presentation: BESG hosts Richard Judge –“Recent applications of Spectroscopy in Philately”

2026-09-10 17:59:52 From Harmers International, Inc. to Everyone:

Welcome to the British Empire Study Group!

2026-09-10 18:00:08 From BARRY Moss to Everyone:

Hello from Abbotsford, BC!

2026-09-10 18:00:43 From Mauricio Mejía to Everyone:

Good afternoon/evening:

Greetings from Honduras.

2026-09-10 18:00:45 From Chris DORN to Everyone:

Hello from Southern California!

2026-09-10 18:00:45 From Michael McCabe to Everyone:

hello from central NY

2026-09-10 18:00:49 From Cliff Beattie to Everyone:

Hello from Saskatoon, Saskatchewan Canada

2026-09-10 18:00:54 From Daniel Modnicki to Everyone:

Greetings from Poland

2026-09-10 18:01:03 From Paul Sobon to Hosts and panelists:

Hello all from Geneva, Switzerland

2026-09-10 18:01:05 From James Ross to Everyone:

hi from Australia

2026-09-10 18:01:13 From Mirosław Miętus to Everyone:

Hello from Poland

2026-09-10 18:01:13 From Isabel Vieira to Everyone:

Hello from Portugal

2026-09-10 18:01:25 From Aldo Samame to Everyone:

Good afternoon, from Lima, Peru

2026-09-10 18:01:34 From Rodney Knight to Everyone:

Greetings from York, England

2026-09-10 18:01:35 From Stan Brown to Everyone:

Greetings from California

2026-09-10 18:01:38 From Marlon Roman to Everyone:

Hello, from San Diego, Ca.

2026-09-10 18:01:46 From Martin Pirnat to Everyone:

Hello from Durango, CO

2026-09-10 18:01:50 From Mirko Zatka to Everyone:

Hello from a rainy Calgary, Alberta

2026-09-10 18:01:51 From Paul Binney to Everyone:

Hello from Sudbury, Ontario

2026-09-10 18:01:57 From T ARTHUR POUDRIER to Everyone:

Greetings from Massachusetts USA

2026-09-10 18:02:01 From Fireflies.ai Notetaker Mitja to Everyone:

Mitja Jančar invited Fireflies.ai here to record & take notes. By continuing, you agree to <https://fireflies.ai/privacy>.

Type:

'/ff pause' - pause recording

'/ff leave' - stop recording

By continuing, you agree to <https://fireflies.ai/privacy>

View Realtime notes here:

https://app.fireflies.ai/live/01M222H0TT3FDWE3GMWHHTP7EM?ref=live_chat

2026-09-10 18:02:02 From Terry Woods to Everyone:

do you have captions in Scottish?

2026-09-10 18:02:04 From Jonathan Topper to Everyone:

Hello from Houston, Texas!

2026-09-10 18:02:15 From John Stapleton to Everyone:

Greetings from Scarborough Ontario

2026-09-10 18:02:16 From Jerry Piotrowski to Everyone:

Hello from Brampton Canada. Hello Richard.

2026-09-10 18:02:18 From Terry Woods to Everyone:

All the best from Scotland

2026-09-10 18:02:19 From Bert Kleszczewski to Everyone:

Good evening from Cologne Germany

2026-09-10 18:02:20 From Jeffrey Coney to Everyone:

Hello from Hagerstown MD

2026-09-10 18:02:21 From Denis Lecompte to Everyone:

hello from quebec city

2026-09-10 18:02:27 From Gary Loew to Everyone:

Greetings from State College PA!

2026-09-10 18:02:40 From James Barnett to Everyone:

Greetings from central Oregon

2026-09-10 18:02:47 From Brian Dow to Everyone:

Greetings from bonnie Scotland

2026-09-10 18:02:59 From Garfield Portch to Everyone:

Greetings to all from Toronto

2026-09-10 18:03:04 From Frederick Lawrence to Everyone:

105 degrees F here in central Arizona today 🤖

2026-09-10 18:03:38 From Winston Williams to Everyone:

Greetings from England with a dark evening

2026-09-10 18:03:51 From Ron Tidrow to Everyone:

Hi to All,, Ron from Brockville, Ontario,

2026-09-10 18:03:53 From Andrew Cassidy to Everyone:

Hello from Coquitlam (Vancouver) BC. Sunny 21C 71F

2026-09-10 18:03:54 From David Foot to Everyone:

Hello to all, also from Toronto

2026-09-10 18:04:26 From David Klauber to Everyone:

Hey from San Diego

2026-09-10 18:04:49 From adrian riepsamen to Everyone:

Hello from Culburra Beach Australia

2026-09-10 18:05:23 From Duncan Barber to Everyone:

Greetings from Barry's Bay, Ontario, in the British Commonwealth country of CANADA, not the 51st state.. 77 F (25 C) and humid.

2026-09-10 18:05:23 From Elizabeth Rogerson to Everyone:

Hi Every one from a chilly Whangarei, New Zealand. It's supposed to be Spring here, but feels more like winter.

2026-09-10 18:06:00 From Hugh Mosher to Hosts and panelists:

You will have no trouble getting into Canada Joan. There are adults in charge here.

2026-09-10 18:06:06 From Kirk Smick to Everyone:

Greetings from Vail Colorado

2026-09-10 18:06:25 From Ruhit Sinha to Everyone:

Greetings from Virginia, USA

2026-09-10 18:06:55 From Ken Pullen to Everyone:

Hi from the Blue Mountains west of Sydney, Australia

2026-09-10 18:07:24 From Harmers International, Inc. to Everyone:

There will be a quiz at the end - only kidding.

2026-09-10 18:08:00 From Paul Sobon to Hosts and panelists:

Ready for my quiz ;)

2026-09-10 18:09:09 From Duncan Barber to Everyone:

Terry, no captions in Cornish, Welsh, Basque, Gaelic (Scottish or Irish), Geordie or Scouse!

2026-09-10 18:09:34 From Mike Street to Everyone:

Greetings from Kanata, Ontario

2026-09-10 18:10:36 From Michael Dobbs to Everyone:

Greetings from Bromley, Kent in the UK

2026-09-10 18:11:50 From Gene Hall to Everyone:

Greetings from Rutgers, Professor Gene Hall, International Association of Philatelic Experts

2026-09-10 18:13:10 From Warren Trimble to Everyone:

Greetings from Grand Haven, Michigan

2026-09-10 18:13:37 From Harmers International, Inc. to Andrew Farberov, Hosts and panelists:

Hi Andrew - sharing the results would be great! I will bring you over first at the end.

2026-09-10 18:16:12 From Anoop Sayal to Everyone:

Greetings from Mississauga, Ontario

2026-09-10 18:16:44 From Tony WARD to Everyone:

Hi Joan. Sound is very muffled, with small screen

2026-09-10 18:17:09 From Anoop Sayal to Everyone:

Instagram:Stampman905

2026-09-10 18:17:31 From Paul Sobon to Hosts and panelists:

FWIW, sound is fine for me on an iPad. Screen size is full screen and clear for me.

2026-09-10 18:21:16 From Harmers International, Inc. to Everyone:

If you have any technical question about what Richard is saying, please enter them in the chat and I would ask some of our technical audience members to help answering them or you will get a chat GPT answer.

2026-09-10 18:22:01 From Garfield Portch to Everyone:

Can the spectrometer on the VSC8000 be used for gum analysis?

2026-09-10 18:23:01 From Kenneth Katta to Everyone:

I have a wonderful dog also.

2026-09-10 18:23:04 From Paul Sobon to Hosts and panelists:

40 seconds on the spectrometer - absolutely no impact to the stamp's ink regardless of his long on the device when actively measuring?

2026-09-10 18:23:10 From Tony WARD to Everyone:

Joan. i have reloaded in and all OK. Tony

2026-09-10 18:23:29 From Paul Sobon to Hosts and panelists:

Fake overprint has different ink signature. But did the official printers simply never simply change the ink used for overprinting? If they did change across a single overprint, do you keep a register of valid ink registration. If so, where stored?

2026-09-10 18:27:22 From Henry Marquez to Hosts and panelists:

Is there any modern, non destructive forensic methodology capable of determining the age of a philatelic piece through the chemical composition of its paper, inks, or other material components? Years ago we worked with a prominent scientist who conducted preliminary analyses on colonial and first issues covers , and we are now assessing whether, as of 2026, newer technologies exist that can more reliably evaluate the age or authenticity of early colonial postal markings, as well as, determine whether adhesives were affixed contemporaneously or added at a later time.

2026-09-10 18:28:07 From Harmers International, Inc. to Tony WARD, Hosts and panelists:

Hi Tony - for the sound - from the windows start menu - type sound and open the sound settings. You will see Sound Mixer options. Look on top in the system setting - make certain the volume slider is high (slide to the right). That worked for me.

2026-09-10 18:45:26 From Gregory Mirsky to Everyone:

Do you see consistent spectrums between mint and used stamps of the same issue? Used stamps can be dried after removing gum, have influence of the gum or glue, etc.

2026-09-10 18:48:41 From Mauricio Mejía to Everyone:



2026-09-10 18:48:51 From Gene Hall to Everyone:

Super presentation.

2026-09-10 18:49:21 From Aldo Samame to Everyone:

Great presentation. Thanks!

2026-09-10 18:49:57 From SREENIVASULU CHINNABATTIGALLA to Everyone:

Can we use the High Resolution Mass Spectrometer and powder RXD?

2026-09-10 18:50:05 From John Stapleton to Everyone:

finally discovered why I have so much trouble with my admirals

2026-09-10 18:50:17 From Rodney Knight to Everyone:

Excellent talk. Before I retired I was working with FTIR so it was all understandable. I wish I had thought of looking at stamps 20 years ago!

2026-09-10 18:51:05 From Ron Tidrow to Everyone:

Why do some stamps show 2 (or more) peaks of mercury as in one of your early examples?

2026-09-10 18:51:51 From Denis Lecompte to Everyone:

can FTIR detect traces of lampblack or carbon black on unclear or difficult to read cancellations

2026-09-10 18:58:59 From Ross Towle to Everyone:

Comment: The Chilean anchor overprint was done by an official who was also a painter. of ships and naval scenes The "ink" was really oil paint. He kept the overprint device in his drawer and applied the overprint as needed.

2026-09-10 19:02:30 From Henry Marquez to Hosts and panelists:

Thanks. Dr. Hall was the one who did the test I mentioned years ago. Please say hello to him.

2026-09-10 19:04:41 From Jeffrey Coney to Everyone:

Are there any tests that can detect remnants of gum, assuming any exists, from a stamp that has been soaked off and identify the gum type? Follow on - How small a sample can be analyzed?

2026-09-10 19:04:56 From Denis Lecompte to Everyone:

What about IRR Infrared Reflectography for carbon ink detection on difficult to read 2 ring cancels for instance

2026-09-10 19:05:00 From Stan Brown to Hosts and panelists:

hi Chris!

2026-09-10 19:05:14 From Richard Colberg to Hosts and panelists:

Well done, Richard. Thanks.

2026-09-10 19:05:14 From Gene Hall to Everyone:

<https://apps.apple.com/us/app/spectralviewer-spectraview/id1201249094> iphone

2026-09-10 19:05:54 From Andrew Cassidy to Everyone:

Fascinating subject matter, great presentation, thanks.

2026-09-10 19:10:17 From David Hobden to Hosts and panelists:

Can any of the spectrography exhibited, or any other technical application you are aware of differentiate between a gum applied at the time of printing of the stamp (1900) and the same gum removed now and applied to improve/fake/regum a stamp today?

2026-09-10 19:11:51 From Stan Brown to Hosts and panelists:

interesting, unfortunately I have to go!

2026-09-10 19:12:09 From Stan Brown to Harmers International, Inc. (direct message):

Great talk, sadly I must depart!

2026-09-10 19:13:39 From Harmers International, Inc. to Everyone:

Thank you Stan!

2026-09-10 19:14:36 From David Klauber to Everyone:

Alt-tab to the screen

2026-09-10 19:15:45 From Jeffrey Coney to Everyone:

Great talk, very informative, but I have to leave.

2026-09-10 19:17:40 From Paul Sobon to Hosts and panelists:

Thank you for a great session. Need to drop.

2026-09-10 19:19:39 From Chris DORN to Everyone:

Thanks, Richard, for a super presentation! Thanks, Joan and Rob, for a great meeting! I need to drop off now, too.

2026-09-10 19:20:49 From Terry Woods to Everyone:

I wish I had went to Uni I might have understood some of the things that Richard talked about. otherwise I enjoyed the show

2026-09-10 19:21:49 From Kirk Smick to Everyone:

Excellent Presentation

2026-09-10 19:22:37 From Gary Loew to Hosts and panelists:

Regarding regumming, Ken Lawrence taught me to "vise" a stamp on edge and look at the stamp's edge. Regumming will often overlap onto the stamp's edge.

2026-09-10 19:28:46 From Mauricio Mejía to Hosts and panelists:

Excellent presentation, unfortunately I have to leave now.

2026-09-10 19:34:39 From Marlon Roman to Hosts and panelists:

Great presentation! These look like very promising tools for stamp certification. Thanks!

2026-09-10 19:36:49 From David Hobden to Hosts and panelists:

Very well said Gary, the re-gummed stamps of today aren't the sawtoothed edges of 25 years agos fakes

2026-09-10 19:39:00 From David Klauber to Everyone:

Just tell em its bad-news Thursday

2026-09-10 19:44:11 From Aldo Samame to Everyone:

Sorry, I have to leave

2026-09-10 19:51:26 From Frederick Lawrence to Hosts and panelists:

Thanks for a great presentation! Sorry, but I also have to leave now. 😞

2026-09-10 19:56:40 From Ruhit Sinha to Everyone:

I need to leave now. It was nice interacting with Richard and others.

2026-09-10 19:57:47 From Fireflies.ai Notetaker Mitja to Everyone:

Attention: Recording will stop in 2 minutes. You can re-invite to continue recording.

2026-09-10 19:58:49 From David Klauber to Everyone:

Thanks all.

2026-09-10 20:10:10 From Clark Lyda to Everyone:

What a great talk. I learned a lot

2026-09-10 20:12:39 From Andrew Cassidy to Everyone:

Thank you all and good night.

2026-09-10 20:13:51 From Juergen Saeftel to Hosts and panelists:

RPSL: 2020 Peter Young FRPSL The Inks of De La Rue & Co. and their introduction of synthetic and aniline ingredients c.1850–1910

2026-09-10 20:17:11 From Juergen Saeftel to Hosts and panelists:

R.H.White Color in Philately; The Philatelic Foundation, 1979
an early publication showing spectra

2026-09-10 20:20:29 From Rolando NUÑEZ to Everyone:

thank you so much, very interesting dissertation and congrats, Good night

2026-09-10 20:27:55 From Joan Harmer to Everyone:

<https://www.greenefoundation.ca/>

2026-09-10 20:29:02 From Joan Harmer to Everyone:

Reinhold Color Atlas

By: Kornerup, Andreas; Wanscher, J.H.

2026-09-10 20:33:53 From Gene Hall to Everyone:

Contact for Gene Hall

2026-09-10 20:34:24 From Sujoy Banerjee to Everyone:

Sujoy Banerjee - email - joyban70@yahoo.com

2026-09-10 20:34:36 From Gene Hall to Everyone:

Gene Hall contact gene.hall@rutgers.edu

2026-09-10 20:35:07 From Peter F to Everyone:

great meeting, thanks a lot

2026-09-10 20:37:48 From Joan Harmer to Everyone:

<https://fosterfreeman.com/philately/>

2026-09-10 20:39:44 From Ron West to Everyone:

don't hav ur dog treat the stamp...

2026-09-10 20:40:22 From Ron West to Everyone:

TY alll

2026-09-10 20:43:38 From Juergen Saeftel to Hosts and panelists:

indeed, would be smart to have Foster + Freeman as presenters

(Some owners of VSC 6000 / 8000 are suspected to not use the Instruments to their full possible extent)

2026-09-10 20:43:49 From Kenneth Martin to Everyone:

There will likely bwe another APS Summer Seminar this coming year

2026-09-10 20:45:09 From Sujoy Banerjee to Everyone:

Thank you all, very interesting talk. thank you again. Kind regards - Sujoy