



# Precious Metals News

A Publication of the International Precious Metals Institute  
(850) 476-1156 • Fax (850) 476-1548 • E-mail: mail@ipmi.org • www.ipmi.org

Volume 43, Number 9

September 2019



IPMI's Sampling and Analytical Committee  
and Central States Chapter

## Precious Metal Sampling, Assay, and Representation Symposium:

*A Refining and  
Mining Perspective*



# IPMI®

connecting you to the  
world of precious metals

October 13-15, 2019



 **COLORADO SCHOOL OF MINES**  
EARTH • ENERGY • ENVIRONMENT

October 13 - Opening Evening Reception

October 14 - Symposium (Details on next page)

October 15 - Optional Social Outing

Suggested Accommodation:

Table Mountain Inn

1310 Washington Ave.

Golden CO 80401

303-277-9898

Code 76059 for IPMI Rate \$199

Name of Group: International Precious Metals Institute

**Symposium Cost: \$249**

**Register Here:** <https://www.ipmi.org/events/EventDetails.aspx?id=1265353&group=>

**Sponsorships Available**

Sandra Arrants, IPMI 850-476-1156, or email mail@ipmi.org [https://www.ipmi.org/events/event\\_list.asp](https://www.ipmi.org/events/event_list.asp)

## EVENT TIMELINE:

### Sunday Evening

Evening reception and meet & greet at the Table Mountain Inn

### Monday

A full day symposium composed of presentations, discussions and time for networking

#### SPEAKER AGENDA:

**“The Handling of Outliers in Sampling”**

Francis Pitard, expert in sampling theory and SPC, President, FPSC

**“Carbon Circuit Modelling – Theory and Application”**

Tyler Crary, Senior Metallurgist, SGS Minerals

**“The Impact of Impurities on the Sampling of Dore and Karat Scrap”**

David Murray, Metal Management Director, Asahi Refining

**“Refining Industry By-products: Representation and Analysis”**

Cody Burke, Analytical Chemist, Axium

**“Considerations in the Fire assay of Copper Bullion”**

Matthew Cole, Analytical Chemist, Sabin Metal

**“Can I get a Witness! : How Third-Party Supervision supports Precious Metals Trade”**

Joshua Husvar, Precious Metals Manager, Bureau Veritas

**“The Kroll Institute For Extractive Metallurgy; 45 Years of Research and Education Success”**

Dr. Corby G. Anderson, Harrison Western Professor at the Colorado School of Mines

**“Tellurium Co-precipitation – Revisited”**

Dr. Stacey Santolli, Sr Chemist, BASF

### Monday Evening

Dinner reception at the Fossil Trace Golf Club

### Tuesday

An optional day of golf at the Fossil Trace Golf Club followed by a tour of a local microbrewery.

**Symposium Cost: \$249**

**Register Here!**

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AHK North America offers independent inspection, weighing and sampling services to the precious and platinum group metals industry. Our locally based, experienced inspectors cover all major precious metal refineries, producers and re-claimers in the US and Canada.



For more information:



[www.ahkgroup.com/NorthAmerica](http://www.ahkgroup.com/NorthAmerica)



[us.enquiries@ahkgroup.com](mailto:us.enquiries@ahkgroup.com)



At the forefront of the **metals** and **minerals** industry for over **135 years**



## ERAC Meeting October 9, 2019

**BASF Headquarters Iselin, New Jersey**  
[https://www.ipmi.org/events/event\\_list.asp](https://www.ipmi.org/events/event_list.asp)

### Environmental and Regulatory Affairs Committee Meeting Agenda

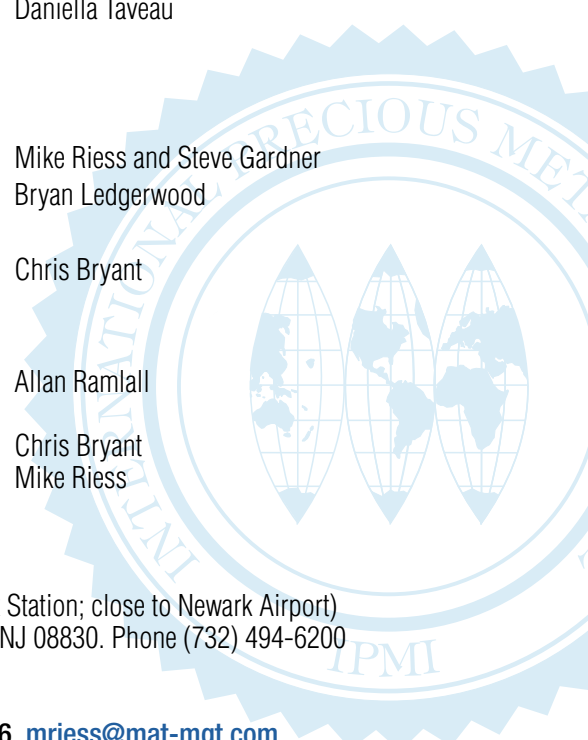
9:30	Arrival, Coffee	
10:00	Opening Comments	Mike Riess and Chris Bryant
10:30	Trade Issues: TTIP and TPP Live Again	Daniella Taveau
	<ul style="list-style-type: none"> <li>• Brexit Muddies US/EU Trade Negotiations</li> <li>• EU/US/Japan Trilateral Discussions Re China Trade Practices</li> <li>• USMCA Ratification</li> </ul>	
11:45	"Made in USA:" Progress At Last	Mike Riess and Steve Gardner
12:15	Strategic Minerals Initiative	Bryan Ledgerwood
12:15	Lunch	
12:45	Environmental Update	Chris Bryant
	<ul style="list-style-type: none"> <li>• EPA and the Congress</li> <li>• Update on Definition of Waste</li> </ul>	
1:45	OF AC Sanctions and the Precious Metal Industry	Allan Ramlall
	Obtaining Tariff Exemptions	Chris Bryant
2:30	Pool Account Study	Mike Riess
	Adjourn	

Location: BASF Corporation

33 Wood Avenue South, Iselin, NJ 08830 (Across from Metro Park Amtrak Station; close to Newark Airport)

Hotels: APA Hotel (In same compound as BASF), 120 Wood Avenue South, Iselin NJ 08830. Phone (732) 494-6200  
 (In addition, Newark Airport Hotels are nearby)

**Questions? Contact Mike Riess, 203-661-6715. Cell 203-561-8086. [mriess@mat-mgt.com](mailto:mriess@mat-mgt.com)**



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Association of North America**

is now a part of

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## Annual Legislative and Public Affairs Conference

*FOCUS: An insider's look at global issues  
facing our industry and your bottom-line.*



**October 29-30, 2019**

**The Army-Navy Club**

901 17th Street, NW

Washington, DC 20006

(202) 628-8400

<https://www.armynavyclub.org/>

Room Rate: \$295

Room Block expires on September 30, 2019

**Register Here!**

Members \$295 Non-Members \$395

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## 2019 Legislative & Public Affairs Meeting Agenda:

### Tuesday, October 29

- 10:00 a.m. Conference Kick-off – Opening Remarks  
Larry Drummond, Executive Director, IPMI
- 10:15 a.m. Speaker: Mitch Moonier – Vice President, Miller/Wenhold Capitol Strategies  
Topic: Update on IPMI’s Legislative Agenda: Capital Gains, Counterfeiting, Tariffs  
Speaker: Chris Bryant – Bergeson & Campbell  
Topic: Environmental Update
- 10:45 a.m. Speaker: Neil Meader, Metals Focus  
Topic: How Legislation is Impacting Silver’s Supply & Demand
- 11:30 a.m. Invited Speaker: Hunter Morgen – Special Assistant to the President  
Topic: President Trump Counterfeit Memo
- 12:00 p.m. Invited Lunch Speaker: Rep. Eric Swalwell (D-CA)  
Topic: Presidential Candidate Experience and Challenges Facing the U.S.
- 1:30 p.m. Invited Speaker: Hon. Hugo de Zela, Ambassador of Peru  
Topic: Tariff Impact on Peru and Global Economy
- 2:30 p.m. Invited Speaker: Amy Bos – Legislative Director, Rep. Jim Sensenbrenner (R-WI)  
Topic: Wayfair; H.R. 1933 “Online Sales Simplicity and Small Business Relief Act”
- 3:00 p.m. Speaker: Jon Gold – National Retail Federation, Vice President of Supply Chain and Customs Policy  
Topic: Update on U.S.-China Tariffs
- 3:30 p.m. – Break
- 3:45 p.m. Invited Speaker: Brandon Steinmann – Legislative Director, Rep. Alex Mooney (R-WV)  
Topic: H.R. 1089 “Monetary Metals Tax Neutrality Act”
- 4:15 p.m. Invited Speaker: Leah Vukmir – National Taxpayers Union  
Topic: Wayfair and States’ Responses
- 5:00 p.m. Adjourn

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**Register Here!**

<https://www.ipmi.org/events/EventDetails.aspx?id=1267967&group=>  
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[https://www.ipmi.org/events/event\\_list.asp](https://www.ipmi.org/events/event_list.asp)

## 2019 Legislative & Public Affairs Meeting Agenda:

- 5:30 p.m. Cocktail Hour
- 7:00 p.m. President's Dinner Honoring IPMI's 2019 Jack Gannon Industry Leader of the Year Award  
Recipient: Posthumously Scott Smith, Pyromet

### Wednesday, October 30

- 8:00 a.m. Continental Breakfast
- 9:00 a.m. Invited Speaker: Rep. Hakeem Jeffries (D-NY)  
Topic: S. 963/H.R. 1999 "Fair Licensing Access for Governments Act"
- 9:30 a.m. Invited Speaker: Jordan Schwartz, World Bank Director for Argentina, Paraguay and Uruguay  
Topic: Economic Development: Global Infrastructure Needs
- 10:15 a.m. Invited Speaker: Travis Johnson – International Anti-Counterfeiting Coalition  
Topic: Counterfeits and their impacts on Business and Government
- 11:00 a.m. – Break
- 11:15 a.m. Invited Speaker: Shawna Bennett – United States Geological Survey  
Topic: President's Strategy to Ensure a Reliable Supply of Critical Minerals
- 12:00 p.m. Invited Speaker: Kara Getz – Counsel (Majority), House Ways & Means Committee  
Topic: Future Changes to "Tax Cuts and Jobs Act"
- 1:00 p.m. Adjourn

#### HOTEL INFORMATION

##### **Army-Navy Club**

901 17th Street, NW  
Washington, DC 20006  
(202) 628-8400  
<https://www.armynavyclub.org/>

Room Rate: \$295  
Room Block expires on  
September 30, 2019

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# IPMI®

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The European Chapter of the IPMI  
4th Annual Seminar

## Precious Metals Products & Technologies



**17-19 November 2019**  
**Sheraton Lisboa Hotel and Spa**

Rua Latino Coelho 1,  
Lisbon 1069-025 Portugal  
+1 844-631-0595

For registration, more details on the event and hotel  
booking, please visit [www.ec-ipmi.org](http://www.ec-ipmi.org) or contact us by  
email at [officers@ec-ipmi.org](mailto:officers@ec-ipmi.org).

continued on next page

**Register Here!**

Sandra Arrants  
International Precious Metals Institute  
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## Preliminary Program of the Precious Metals Products & Technologies Seminar

### Sunday 17 November 2019

18:00 Welcome Drinks & Reception

### Monday 18 November 2019

9:00 General Assembly (European Chapter)

10:00 IPMI Europe Security and AML briefing  
– Steven Crogan

10:30 Networking time

10:30 Board of Directors Meeting (Directors only)

12:00 Lunch

13:00 Session 1

15:15 Coffee Break / Networking

15:45 Session 2

18:00 Cocktail Party

19:30 Dinner

### Tuesday 19 November 2019

9:00 Session 3

10:30 Coffee Break / Networking

11:15 Session 4 / Closing Remarks

12:30 Lunch

## Initial Programme includes exciting presentations on:

- New product development involving Au & Ag
- New PGM auto catalyst formulations and their effects on recycling
- Innovation in Pt products for industrial applications
- Power to X – Hydrogen electrolysis
- 3D Printing
- Computer programs and systems for the refining industry
- Market dynamics for Pd and future mining opportunities
- Gold bar security
- Base metal removal during PGM refining
- Optimizing PGM recovery using MRT technology
- The History of pyro-metallurgical technologies

continued on next page



## Seminar Travel Details

This event will take place at the Sheraton Lisboa Hotel and Spa, in the heart of the Lisbon. We have secured a nice hotel flat rate which will be also valid just before and after the conference. Already well over 110 registered participants! This year, again, the seminar might be sold out.

To get all the details on this event, and to start your registration process, please visit our dedicated page with all details, or follow the process below.

### SEMINAR REGISTRATION

- European Chapter and IPMI members enjoy a discounted registration rate; contact us if you have not received your code.
- If you prefer to pay by invoice, use INVOICE as discount code.

### ROOM BOOKING

- If you want to book for a longer stay and/or for 2 persons, click first on “Check availability” and then hit the “Edit” button to nights/persons
- The same rate will be applied for extensions 3 nights before and after the seminar (offer limited to availability at the hotel, please book early)
- Please register with that link as we had to guarantee a significant number of rooms to get a cheaper rate!
- If you need any support, or to ask the hotel to book for you at the same conditions, please contact [groups.lisboa@sheraton.com](mailto:groups.lisboa@sheraton.com)

### FLIGHT BOOKING

- For your travel, please note that TAP is the official air transportation partner, and offers a discount code (IT19TPCG128) for participants to the seminar (10% for economy fares, 15% for business fares (conditions apply)).

Platinum Sponsor



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Silver Sponsorship at 1.500 Euro is still available.





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Our representatives are either in regular attendance at major processing refineries world-wide, or are permanently stationed there in order to service the magnitude of our client's year-round requests for on-site expertise.

## For global inspection and analysis enquiries:

**David Pownall**

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**M:** +44 (0)7824 592 602

**E:** david.pownall@alsglobal.com

**Gina Molloy**

**T:** +44 (0)151 632 9283

**M:** +44 (0)7779 558 764

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## IPMI 7th Annual Platinum Dinner

The IPMI 7th Annual Platinum Dinner was a huge success with nearly 200 attendees in the beautiful and historic Villard Room at the New York Palace Hotel. The evening started off with a cocktail reception in the Reid Ballroom and then progressed to the dinner with keynote speaker Ed Coyne of Sprott Asset Management who gave an informative talk on “What’s So Special About Platinum”.

IPMI thanks the following sponsors for making the evening triumphant:

**Brinks**  
**BASF**  
**Christensen Recycling**  
**Colonial Metals**  
**Colt Refining**  
**Dillon Gage**  
**FideliTrade**  
**Gero Family Trust**  
**Hensel Recycling**  
**Heraeus**  
**Johnson Matthey**  
**Mastermelt Group of Companies**  
**Metalor**  
**Metallix Refining**  
**Mitsubishi**  
**Sabin Metal Corp.**

IPMI are already making plans for the 8th Annual Platinum Dinner in New York.



## IPMI 7th Annual Platinum Dinner



## IPMI 7th Annual Platinum Dinner



## IPMI 7th Annual Platinum Dinner





## ANNA Report

By Zbigniew Milkiewicz, Managing Director, Refinery Group

Founded in 1970 as Ammonium Nitrate Pollution Study Group, ANNA is the leading association active in Ammonia Nitrate and Nitric Acid businesses. Primarily based in the USA, the first conference outside North America took place in Europe in 2010 and was attended by 380 people.

This September ANNA held its annual conference in Vienna, Austria. Attended by over 460 delegates, representing 59 producers and with 84 exhibitors the conference was a big success.

IPMI also had a chance to present itself and speak about precious metals in nitric acid industry, as without PGMs conversion of ammonia into nitric acid would not be possible. Zibi Milkiewicz, Member of IPMI Board of Directors and at the same time serving as Sales Director at Krastsvetmet held a presentation which was divided into three parts. First IPMI as active player in global precious metals business was introduced to all the audience. Then some facts about precious metals were shared, which included price forecasts and applications. The final part was presenting results of a survey conducted by IPMI among nitric acid plants. The survey referred to metals applications, price sensitivity, leasing vs. owning metal, substituting of precious metals and technical adaptations as a result of rising prices.

We look forward to working more closely with ANNA and hope to see this renown association and their members at IPMI's future event.



## Where Are They Now?

**Marcel Shreier**, a 2015 IPMI Student Award Winner, has joined the Department of Chemical Engineering at the University of Wisconsin-Madison as a faculty member.



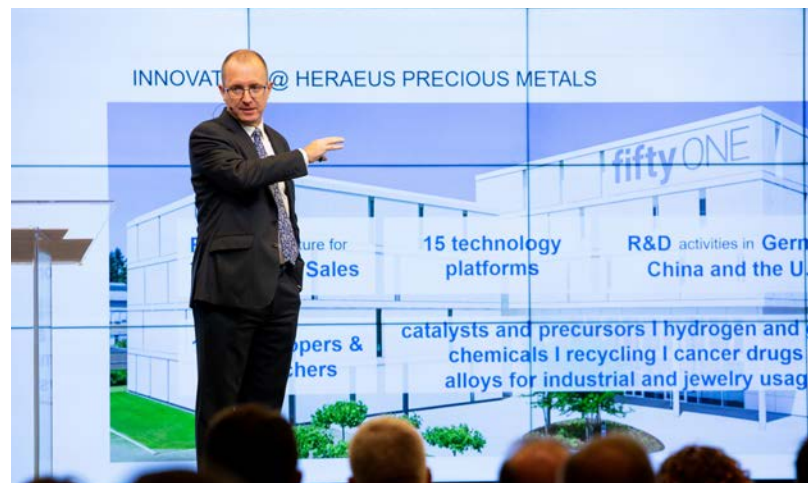


## Heraeus Precious Metals Hosts Its 4th Industry Forum in New York City

Within the framework of the New York Platinum Week, Heraeus successfully hosted its **4th Precious Metals Forum** organized at Harold Pratt House in New York City. Over 90 guests, including key industry leaders and customers, attended the informative and thought-provoking sessions, followed by exquisite luncheon. This year as well, Heraeus saw a lineup of dynamic speakers, focusing on the following topics:

- Dr. Mickey Levy, Berenberg US, “Global Economic and Policy Trends and Observations on Commodities”
- Stephen Forrest, SFA Oxford, “Tomorrow’s Tug-of-War Between Platinum and Palladium”
- Neil Harby, LBMA, “Compliance and Fraud. Impact on the Market”
- Philipp Walter, Heraeus, “Hydrogen Economy: A Solution for Society and the Precious Metal Industry”
- Metals Under Crossfire: interactive panel discussion with Suki Cooper from Standard Chartered Bank, Joni Teves from UBS and Ed Coyne from Sprott USA, moderated by Miguel Perez-Santalla from Heraeus.

Heraeus Precious Metals has held forums in various locations in the world since 2005. Its first appearance in New York City was in 2016.





 **IPMI®**  
INTERNATIONAL PRECIOUS METALS INSTITUTE  
**SAC/PRC Meeting**  
**Houston, Texas February 10-12, 2020**  
**Marriott Hotel at George Bush International Airport**



 **IPMI®**  
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**Security and Anti Money Laundering Seminar**  
**February 24-26, 2020**  
**Marriott Hollywood Beach Resort**  
**Hollywood, Florida**



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**44TH ANNUAL CONFERENCE**  
**JUNE 6 - 9, 2020**  
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## Seeking Nominations for the 2020 IPMI Premier Industry Awards!

By Dr. Jonathan Jodry, Chair / IPMI® Awards Committee

These three (3) Awards will be presented during the 44th Annual International Conference to be held June 6-9, 2020 at the Green Valley Ranch, Las Vegas, Nevada

The first award is the **IPMI Jun-ichiro Tanaka Distinguished Achievement Award**. It recognizes career contributions to the advancement of the precious metals industry, be it technological, economic or management. The award includes a \$5,000 prize & complementary registration at our Int'l Conference.

The second award is the **IPMI Henry J. Albert Award**, sponsored by BASF Corporation. It recognizes outstanding theoretical, experimental or engineering contributions to the science and technology of precious metals. The award includes a \$5,000 prize & complementary registration at our Int'l Conference.

The third award is the **IPMI Carol Tyler Award**. It recognizes the achievement of a woman in the precious metals industry, precious

metals academia or graduate student in precious metals research. This includes a \$5,000.00 prize & complimentary registration at our Int'l Conference.

Please go to the IPMI website, <http://ipmi.org/awards/index.cfm> for short videos describing our awards & scholarships as well as for lists of past award recipients.

Send a letter of nomination along with curriculum vitae, if appropriate, a list of contributions and achievements and any other supporting documentation in one pdf file by email to: [mail@ipmi.org](mailto:mail@ipmi.org) Please put "**Premiere Award Nomination**" in the subject line on the email.

Your nominations should be mailed no later than **September 30, 2019**.

## IPMI® Calendar

2019	Oct 9	ERAC Meeting • BASF Headquarters • Iselin, NJ
	Oct 13-15	Sampling & Analytical Symposium • Colorado School of Mines • Golden, CO
	Oct 29-30	Legislative & Public Affairs Conference • The Army-Navy Club • Washington, DC
	Nov 18-19	European Chapter Seminar • Lisbon, Portugal
2020	Feb 10-12	PRC / SAC Meeting • Houston, TX
	Feb 24-26	Security Council Anti Money Laundering Meeting • Hollywood, FL
	June 6-9	44th Annual Conference • Green Valley Ranch • Las Vegas, Nevada

To register attendance to IPMI events or add to your personal calendar, click on the following:  
[https://www.ipmi.org/events/event\\_list.asp](https://www.ipmi.org/events/event_list.asp)