

Precious Metals News

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Volume 42, Number 9

September 2018

IPMI Platinum Dinner a Huge Success!

The IPMI 6th Annual Platinum Dinner was a stellar event and again with a sold-out attendance! For the sixth year in a row the elegant Holmes ballroom of the Palace Hotel was overflowing, with sponsors, guests and members attentive to hear the address from Derek Sammann of the CME Group. His presentation: "Key

Drivers in the Precious Metal Markets Evolution-Physical and Risk Management" was informative and thought provoking.

Many thanks to the Platinum, Gold, Silver and Specialty Drink Sponsors for making this an evening to remember!









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PATRON PROFILE

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approx. 220 - worldwide

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DIN EN ISO 14001:2009

Memberships: ARA, BIR, BVMW, BVSE, FVEM, IPMI, MVDA

















Capabilities

The combination of state-of-the art equipment using leading edge technology and our highly trained, knowledgeable staff allows us to process material for **Diverse** industries.

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2019 IPMI Premier Industry Awards

The IPMI Awards Committee is now seeking nominations for the 2019 Premier Industry Awards!

The following three (3) Awards will be presented during the 43rd Annual International Conference to be held June 15-18, 2019 at the Peppermill Resort in Reno, 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 and complementary registration at our International 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 and complementary registration at our International 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 and complimentary registration at our International Conference.

Please go to the IPMI website, http://ipmi.org/awards/index.cfm for short videos describing our awards and 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 Please put "Premiere Award Nomination" in the subject line on the email.

Nominations should be mailed **no later than January 20, 2019.**

2019 IPMI Student Awards

To support research focusing on precious metals, IPMI awards scholarships worth more than US \$100,000 every year. These scholarships include:

• IPMI Student Awards

Up to 3 IPMI-sponsored Student Awards in the amount of up to US \$20,000 each, and US \$5,000 for one of the student advisors.

• IPMI Corporate Student Awards

Several corporate-sponsored Student Awards in the amount of US \$5,000 each sponsored by some of the most prestigious companies in the precious metals industry.

Eligibility

Students applying for an IPMI Student Award have to be enrolled in an academic training program (Masters, Ph.D., Post-doctoral research) performing fundamental or applied research focusing on any precious metal (Au, Ag, Pt, Pd, Ir, Rh or Ru), be it on the scientific side (catalysis, material, mining, refining, etc.) or on the commercial side (finance, marketing, etc.). Their expected graduation date must not be within the same year in which the award is received (e.g. an award winner of 2019 may not graduate before 2020).

Documents

The following application documents are required:

- 1. Student CV (resume);
- Executive Summary of the research (maximum half-page), indicating the program the student is enrolled in, as well as the expected end-date of the program;
- Short research plan (maximum 2 pages) detailing research performed so far with results, as well as planned projects during the remaining time of the education program;
- 4. Nomination/recommendation letter (maximum 1 page) from the supervising professor;

Students are welcome to add any other document they deem pertinent to their application (e.g. published papers, extended research details, academic grades, etc.).

Please submit one single pdf file containing all required documents; the file name should be as follows: "student last name student first name-academic institution" (for example: Smith John-Columbia University USA).

Please mail the pdf application to: mail@ipmi.org

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IPMI® NEWS

Student Awards, continued from page 4

Student Award Winners

The student award winners are expected to attend IPMI's Annual Conference in Reno, NV (USA) in June 2019, present their work in the Student Research Session and join the conference events. They will have many opportunities to meet and interact with people from the precious metal industry.

Students joining the conference will be reimbursed by IPMI (economy flights, to be purchased at the lowest available rate). Conference registration (including meals) and hotel reservation will be made by IPMI.

Timeframe

Date 20 January 2019

31 March 2019 15-18 June 2019

Action

Deadline for submitting application Award winners will be notified Conference in Reno, NV

Contact

For guestions or for additional information, please contact: mail@ipmi.org

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IPMI® CHAPTER NEWS

2018 Seminar of the European Chapter of the IPMI

"8 Precious Metals" Seminar

November 12th - 13th, 2018 • Hilton Hotel • Budapest, Hungary

Preliminary Program

Monday 12 November

10:00 General Assembly (European Chapter)

12:00 Lunch

13:00 Session 1

19:00 Welcome Drinks & Dinner

Tuesday 13 November

9:00 Session 2

12:30 Lunch



Speakers:



⁴⁴ Ru	⁴⁵ Rh	⁴⁶ Pd	⁴⁷ Ag
J. Butler	T. Dobra	L. Cole	J. Liang
(Mitsubishi)	(Baird & Co)	(Johnson Matthey)	(Metals Focus)
⁷⁶ Os	⁷⁷ lr	⁷⁸ Pt	⁷⁹ Au
B. Albrecht	J. Butler	S. Sunkar	N. Harby
(Basic)	(Mitsubishi)	(DOWA)	(LBMA)

Already more than 100 registered participants! Registration fee: ca. 488 EUR, including 2 lunches, cocktail & dinner (discounts available for European Chapter & IPMI members, please contact us).

For registration, more details on the event and hotel booking, please visit www.ec-ipmi.org or contact us by email at officers@ec-ipmi.org. More speakers and sponsors are welcomed; let us know if you are interested.

Sponsors:

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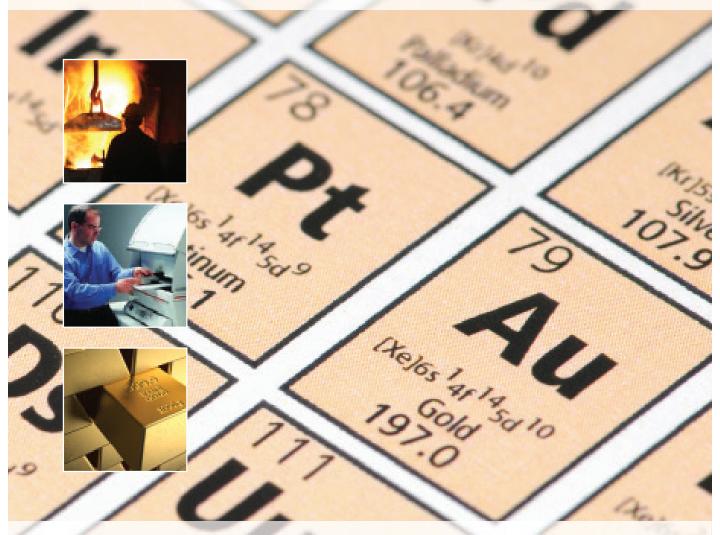








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IPMI® CHAPTER NEWS

The IPMI New England Chapter & Health & Safety Committee present

Afternoon Health & Safety Seminar and Evening Networking Event

October 24, 2018 • Hilton Garden Inn • Warwick, Rhode Island

The IPMI New England Chapter and the Health & Safety Committee have announced a joint event on Wednesday, October 24, 2018 in Warwick, Rhode Island.

A Safety Seminar will be held at Garden Inn in Warwick, Rhode Island from 1:00-5:00 p.m. The Safety Seminar will kick off at noon with a buffet lunch and will include a series of informative presentations from seasoned experts followed by an Open Q&A session.

The cost of the seminar is \$99 and includes the lunch and admission to the New England Chapter Networking event which starts at 6 pm in the adjacent Ironworks Tavern Restaurant (Upstairs at the Tavern). Note: as an added bonus you will receive one year membership in the New England Chapter.

Health and Safety Agenda

Buffet Lunch: Noon

Seminar 1:00 pm - 5:00 pm

Program

Safety Introduction, presented by Larry Drummond, Executive Director, IPMI

Behavioral Based Safety, presented by Diane George, EHS Manager, Metalor USA Refining

An introduction on a methodology to engage your employees in improving your safety program. You will learn various approaches to BBS, including STOP, Safety Observations, Near Misses, Lessons Learned and more. Lifelong methods to keep your employees safe at work and home.

Process Safety Risk Management Program, presented by Elba Lizardi, Operations Director, Johnson Matthey Refining and Chemicals

Process Safety - Doing more than the minimum can make your plant a safer place. You can use the 20 Elements of the Process Safety Risk Management Program to protect your employees, protect the environment and save money!

Confined Space Program, Presented by JR Rao, Executive Vice President EHS, Republic Metals

Is 911 your Confined Space Rescue Plan? Make sure your company has a proper Confined Space Program.

In this presentation, we will review the various elements of an effective Confined Space Entry Program, and how it should be designed and implemented for meeting the regulatory requirements while keeping the employees safe at all times.

EPA's New e-Manifest System Implementation Impact on Business, presented by Andrew McManus, General Manager, Gannon & Scott

After years of delay, the EPA Hazardous Waste e-Manifest system became effective on July 1, 2018.

This central database system has already dramatically changed the waste hazardous waste information is communicated. All companies involved with hazardous waste will be impacted by this change. An overview of options, timelines, fees, and practical use will be provided.

How a Robust Safety Program can Reduce your Insurance Premiums, presented by Simon Codrington and Joe Pennock, Hugh Wood, Global Independent Insurance Brokers

Robust EHS practices coupled with Risk Transfer Program can reduce an insured Total Cost of Risk (TCOR)

Panel Discussion Q&A

Health and Safety Portion adjourns and is followed by:

6 PM New England Chapter Networking Event

The New England Chapter's Annual Fall Networking Meeting provides a great opportunity to get caught up with other chapter members and discuss recent happenings in the precious metals industry. Registration begins at 5:30 followed by a dinner buffet at 6:30.

Chapter members and anyone who is interested in attending the Safety Seminar or joining the chapter are encouraged to attend! To register, contact Donna Kiesel, Chapter Secretary, at 401-463-5550 or at donnakiesel@gannon-scott.com





28-30 OCTOBER A DATE FOR YOUR DIARY

PRECIOUS METALS CONFERENCE 2018 Boston Park Plaza

REGISTRATION NOW OPEN!

- Leading industry figures will attend
- Comprehensive programme and expert speakers
- Excellent networking opportunities

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INDUSTRY NEWS

COMPUTER ASSOCIATES

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October 2018 marks Computer Associates' (CAI Software, LLC) 40th year as a recognized leader in the delivery of on-demand enterprise resource planning (ERP) and management systems, software, network integration and business consulting services. The company specializes in creating innovative solutions for market-leading companies in the building materials, food processing, precious metals and discrete manufacturing/distribution industries.

Today, we are the premier provider globally to the precious

metals industry. Our flagship product, **NAV for Refining**, connects our customers' financial, technical, and operational data with business intelligence to help their managers make smart decisions and operate more efficiently, quickly, accurately and at higher profit margins.

CAI's stellar client list includes many of the industry's most respected, full-service refiners, smelters, manufacturers of engineered PM-based products and recyclers of PM content from e-scrap, catalytic converters and other commercial products.

"Computer Associates (CAI) has been key to the success of Colt Refining, Inc. for over 16 years!

The entire staff at CAI has been great to work with and the customization of NAV for Refining to fit our unique business has contributed greatly to our quality of process and customer service to our suppliers!"

Mitchell Coughlin Vice President of Refining Colt Refining, Inc.

CAI is a subject matter expertise for the industries it serves, and the growth of that knowledge base reflects the confidence our clients have in us to develop world-class solutions. CAI delivers robust, feature-rich products to help our customers solve complex business problems.

To our clients in the precious metals industry: thank you for

your confidence in us and the opportunities you have provided. This marketplace attracts talented and gifted people, and we look forward to continuing to support your and the industry's success for many years to come.

For more information call (800) 422-4782 or visit www.caisoft.com/pm.



INDUSTRY NEWS

Jake Gottlieb Joins Colt Refining

Colt Refining, Inc., a leader in the precious metals industry for over 40 years is pleased to announce the hiring of Jake Gottlieb son of Founder and CEO Harvey Gottlieb. Jake will be joining Colt Refining as a finance professional focusing on the management of Credit Consignment, Inventory and Metal Sales. Jake earned his B.S.B.A. from Elon University's Martha and Spencer Love School of Business (2015), where he double majored in Finance and International Business.

Jake began his professional career in Commercial Credit at Worcester, MA based Commerce Bank and Trust (now Berkshire Bank), where he was a participant in the Commercial Lending Trainee program. In this role he was credit trained as an underwriter, he analyzed businesses and underwrote loans for presentation to the Bank's executive committee. After completion of the program, Jake moved to Boston based Brookline Bank where he served as a Portfolio Manager responsible for overseeing and maintaining a \$200Million+ portfolio of Commercial and Industrial loans.

In his free time, Jake is an avid golfer and a passionate sports fan. He also enjoys traveling, skiing, and participating in sports. Jake Gottlieb can be reached at 603-429-9966 x7041 or jgottlieb@coltrefining.com





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Consulting & Process Engineering for the Precious Metals Industry



Contact: Mike Mooiman 508-328-6870 mikemooiman@msn.com www.argoadvisor.com



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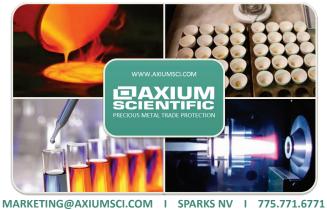








REPRESENTATION & ANALYSIS



IPMI® NEWS



Where are They Now?

Anna Wuttig, 2017 IPMI Student Award winner reports: I am now an NIH Postdoctoral Fellow at the University of California, Berkeley, in Dean Toste's group. I graduated from MIT this past June.

IPMI[®] Calendar

2018	Oct 16	ERAC Meeting • BASF Corporate Office, Iselin, NJ
	Oct 24	Health and Safety Seminar/New England Chapter Networking ● Warwick, RI
	Oct 28-30	LBMA/LPPM Seminar ● Boston, MA
	Nov 12-13	IPMI Europe Chapter Seminar • Hilton Hotel, Budapest, Hungary
2019	Feb 5	SAC Meeting • Marriott Hotel, George Bush Airport, Houston, TX
	Feb 6	PRC Meeting ● Marriott Hotel, George Bush Airport, Houston, TX
	Mar 18-20	SECAM Meeting • Marriott Harbor Beach Hotel, Ft. Lauderdale, FL
	Apr 3-5	PGM Catalyst Seminar ● Hotel TBD, Atlanta, GA
	Apr 17	NY Metro Chapter Spring Seminar • New York, NY
	Jun 15-18	IPMI Annual Conference • Peppermill Resort, Reno NV