

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 42, Number 12





43rd Conference Reno, Nevada, June 15-18, 2019

We are restructuring our Technical Program to encourage a more scientific and informative approach.

At this time we are officially opening our Call for Papers.

- Potential Speakers Are Invited to Submit an Abstract to IPMI by January 31, 2019
- Abstracts will be Vetted by the Technical Chairs and Selected Speakers Confirmed by March 1, 2019.

Suggested Paper Topics

- Sampling and Analysis
- Hedging/Finance/ Market Analysis Environmental/Legal/Regulations/Insurance
 Task as last as la

• New Technologies

Potential Speakers are encouraged to submit papers on any relevant industry topic.

Please submit your abstract including Title by January 31, 2019 to mail@ipmi.org

PATRON PROFILE



David H. Fell & Company



DHF Technical Products

Outstanding in every element.™

Outstandingium

Bp Bigpromotionium

Ontimeum

Underbudgetium

Bottomlineum

For nearly 45 years, David H. Fell & Company has given businesses in the mining, jewelry, pawn, dental and electronics industries an honest return on their gold, silver, platinum and palladium refining. We have also earned a reputation for manufacturing the highest quality precious metal mill products including alloys, casting grain, sheet, wire, tubing, discs and solders.

But you might not know that there's a division of our company that has been taking our precious metals to places they've never been before. It's called DHF Technical Products. The people there have nearly 100 years of **industry** experience providing precious metal sputter targets and other high-tech applications to the thin film industry.

DHF Technical Products creates sputter targets made from solid precious metal. These targets custom shaped to fit our customer's specifications. The target is broken up by gaseous ions into tiny particles that form a spray that adheres to a substrate in a process called vacuum coating. Any precious metal that doesn't hit the substrate is reclaimed, refined and turned into new targets, saving our customers money.

For the last twenty-five years almost every "monumental" building erected in the world has contained thin film coatings that selectively admit most visible light but reject infrared heat

from entering the building. In similar fashion over 75% of new residential construction windows are coated with low emissivity thin film coatings that provide pleasing aesthetics and comfort for the homes occupants. DHF Technical Products is proud to be a leading supplier for the last ten years to the glass industry of the precious metal materials that provide significant energy savings for building and home owners. DHF also supplies the medical products industry with precious metal sputtering targets that provide unique performance properties to devices that improve health of the users.

DHF Technical Products clients range from Fortune 500 companies and international customers to R&D and startups. In short, we're a small company that can handle large clients. We're members of The Association of International Metallizers, Coaters and Laminators (AIMCAL) and The Society of Vacuum Coaters (SVC).

If you or anyone you know needs any precious metal sputter targets and other high tech applications related to the thin film business, give us a call. We'll help you find what you need. Or, if you're not sure what you need, we're happy to help you figure it out.

To learn more, call Ed Wegener at 505-803-4521 or send an email to ed@dhfco.com

IPMI® NEWS



Registration now open on our website: www.ipmi.org













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.

Environmental Footprint

We are committed, responsible stewards of the environment. Our facilities are **Zero Discharge** and feature the most sophisticated pollution control systems in the industry.

Financial Strength

Our **Strong Financial Position** and direct relationships with several worldwide market leaders allow us to flawlessly execute your transactions. We offer a variety of settlement options to meet your specific pricing and hedging requirements.

Results

A singular focus on your bottom line drives us to use the **Optimal** refining processes every time. Partner with us for transparent, timely and accurate settlements, coupled with superior customer service.







Meeting Schedule

Meet and Greet: March 18 Meeting: March 19 - March 20

Registration

Registration is online on our website under Events Calendar Members \$390.00 Non-Members \$490.00 (Includes one-year membership)

Hotel Reservations

Venue is the Harbor Beach Marriott 3030 Holiday Drive, Fort Lauderdale Florida 33316 954-525-4000

There are a limited number of sleeping rooms in our block, so book early!

You can book your room using this link:

https://book.passkey.com/event/49789073/owner/4894/home



The Alfred H Knight North American laboratory is ISO17025 accredited and specialises in analysing precious and platinum group metals in a broad range of commodities.

In addition to our experienced chemists and technicians, our operations have dedicated teams of knowledgeable support staff committed to assisting our clients in all aspects of precious and platinum group metals inspection and analysis.

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.

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

IPMI® NEWS

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.

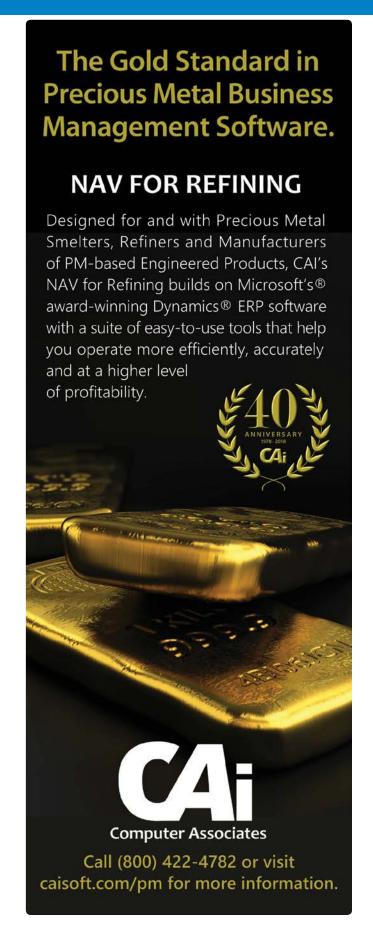
The third award is the **IPMI Carol Tyler Award**. It recognizes the achievement of a woman in the precious metals industry, precious metals academia or graduate student in precious metals research. This includes a \$5,000.00 prize and complimentary registration at our International Conference.

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.

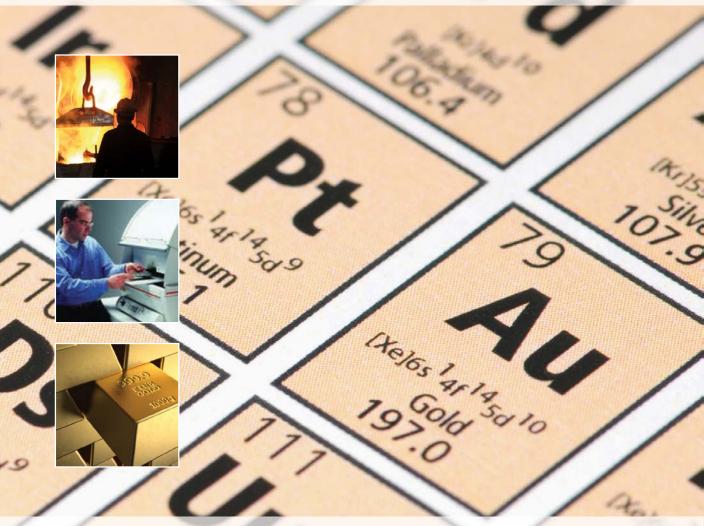
Send a letter of nomination along with curriculum vitae, if appropriate, a list of contributions and achievements and any other supporting documentation in one pdf file by email to: mail@ipmi.org Please put "Premiere Award Nomination" in the subject line on the email.

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









Alex Stewart International provides inspection, weighing, sampling and assay services for the global precious metal industry, including all major and reputable UK, USA, Asian, African and European precious metal refineries.

Your Global Network of Inspection & Analytical Laboratory Services

Alex Stewart (International) Corporation

2b Sefton Business Park, Aintree, Liverpool L30 1RD United Kingdom **T:** +44 151 525 1499 **F:** +44 151 523 3760

All PM enquiries, please contact Mr. Andy Smith **E:** andy.smith@alexstewartinternational.com **www.alexstewartinternational.com**

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., Postdoctoral 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);
- 2. 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;
- 3. 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

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	Action
20 January 2019	Deadline for submitting application
31 March 2019	Award winners will be notified
15-18 June 2019	Conference in Reno, NV

Contact

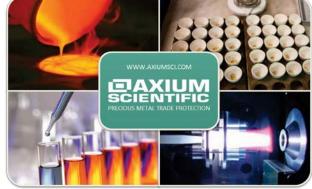
For questions or for additional information, please contact: mail@ipmi.org

Consulting & Process Engineering for the Precious Metals Industry

Contact: Mike Mooiman 508-328-6870

mikemooiman@msn.com www.argoadvisor.com





REPRESENTATION & ANALYSIS

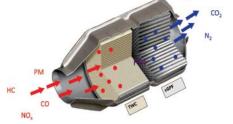
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Auto Catalyst & Fuel Cell Seminar

Sponsored by the International Precious Metals Institute



April 4 - 5, 2019 Atlanta Airport Marriott Hotel Atlanta, Georgia



Regulations • Emission Control • Recycling Fuel Cell Technology • PGM Supply & Demand

ERAC Spring Conference - May 21, 2019







Location

BASF Catalysts Division
Bosch Conference Room #100, 1st Floor
33 Wood Avenue, Iselin, NJ 08830
Phone +1 732-205-5000

Free shuttle service from hotel to office (5 minute drive by car)

Accommodations

Renaissance Woodbridge Marriott

515 US Highway Route 1 South Iselin, NJ 08830 Please call the Renaissance Woodbridge Hotel and ask for the "BASF rate". Phone +1 732-634-3600

https://www.marriott.com/hotels/travel/ewrwd-renaissance-woodbridge-hotel/

BASF room rate: \$169.00 per night + tax (incl. free wifi)
Total is approx. \$ 193.00 per night (2655 Rand, 165 Euro)
Hotel does not provide shuttle service from airports. Taxis are available at the airport, or you can pre-book a service:

- GEM Limo 732-596-0900 (877-GEM-LIMO) http://www.gemlimo.com
- Uber https://www.uber.com

Directions to Hotel – from Airports by CarFrom Newark Liberty International Airport - 13.4 miles South

Take Routes 1 and 9 South to Woodbridge. Follow directions to Route 1 South for approximately 12 miles to the hotel, which is located at 515 Route 1 South & Gill Lane. The hotel will be on the right side.

From John F Kennedy International Airport – 36.6 miles Southwest

Take Belt Parkway East to Verrazano Bridge towards Staten Island. Continue on RT. Merge to I-278 West to Goethels Bridge. Follow signs for Route 1 & 9 towards Woodbridge (12 mi.). Hotel is on Rt. 1 South on right.

Public Transportation to Hotel – from Airports

Newark Liberty International Airport - EWR

- Alternate transportation: State Shuttle; fee: 35 USD (one way); reservation required
- Bus service, fee: 3.2 USD (one way)
- Train service, fee: 12 USD (one way)
- Estimated taxi fare: 40 USD (one way)

John F Kennedy International Airport – JFK

- Alternate transportation: State Shuttle; fee: 104 USD (one way); reservation required
- Subway service, fee: 8 USD (one way)
- Estimated taxi fare: 125 USD (one way)

IPMI® NEWS

IPMI[®] Calendar

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 4-5	Auto Catalyst & Fuel Cell Seminar • Atlanta Airport Marriott Hotel, Atlanta, GA
	Apr 17	NY Metro Chapter Spring Seminar ● New York, NY
	May 21	ERAC Spring Conference • BASF Catalysts Division, Iselin, NJ
	Jun 15-18	IPMI Annual Conference ● Peppermill Resort, Reno NV

