



Precious Metals News

A Publication of the International Precious Metals Institute
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Precious Metals and Mobility: A Symposium on the Future Role of Platinum Group Metals in the Automotive Industry

When: **16-18 April, 2018**

Where: **The Heldrich Hotel and Conference Center**, 10 Livingston Avenue, New Brunswick, New Jersey 08901
The Heldrich Hotel is within short distance from Newark Liberty International Airport by train or car.

PROGRAM

Monday, April 16

06:00p – 08:00p Meet & Greet / Welcome Reception

Tuesday, April 17

07:30a – 08:30a Continental Breakfast

Segment 1: Technologies and Development

09:00a – 09:15a Bodo Albrecht / IPMI Chairman – Welcome and Introduction

09:15a – 10:15a Keynote: Bruce Belzowski – Managing Director of Automotive Futures

10:30a – 10:45a Coffee Break

10:45a – 11:15a Mr. Fred Li – Vice President and General Manager of BYD Latin America (retired)

Status and Trends of Electrification in China

11:15a – 11:45a Jeffrey Christian, CPM Group

Hydrogen – Only a Rocket Fuel?

11:45a – 12:15a Podium Discussion

12:45p – 01:30p Lunch

Segment 2: Precious Metals and Mobility – Industry Overview

01:30p – 02:00p BASF – Joe Lynch / Director of Strategy – Battery Materials

[continued on page 4](#)

42nd Annual Conference to be Held June 9-12, 2018, San Antonio, Texas

The IPMI 42nd Annual Conference will be held June 9-12 2018 at the JW Marriott Hill Country Resort in San Antonio Texas.

A Call for Papers has been issued and the Technical Program under the direction of Tech Chair **Dr. Zachary Henneman** of BASF and **Eric Frueh** of Heraeus is being finalized. If you have an abstract of a paper you wish to present please send it to mail@ipmi.org.

Additionally, if you would like to have a booth in the Exhibit Hall please contact IPMI for your booth contract and instructions.

Delegate registration can be found under Events Calendar on our website www.ipmi.org

The link to making your hotel reservation can be found on our home page.

Bangkok Seminar Almost Here!

Agenda

The Seminar will be held February 19-20 at the Mandarin Oriental Hotel in Bangkok, Thailand.

February 19, 2018

| Time | Session | Meeting Room |
|------|---------|--------------|
|------|---------|--------------|

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|-----------------|------------------------------------------------------------------------------------|--|
| 9:00 am-12:00pm | Welcome and Short History of IPMI, Bodo Albrecht, Interim Executive Director, IPMI | |
|-----------------|------------------------------------------------------------------------------------|--|

| | | |
|------------------|------------------------------------------------------|---------------|
| 12:30 pm-1:30 pm | Social Responsibility in the Jewelry Industry | Sala Rim Naam |
|------------------|------------------------------------------------------|---------------|

Session topics include:

- *A Brief History of the Jewelry Industry*, Bodo Albrecht, IPMI
- *Conflict-free Gold*, Rene Wiskemann, Agosi; Umicore Metals Thailand
- *Benefits and Procedures of Fairmined Gold*
(Coffee Break at 10:30 am)

| | | |
|-----------------|----------------------|-----------|
| 2:00 pm-5:00 pm | Buffett Lunch | Baan Phya |
|-----------------|----------------------|-----------|

| | | |
|-----------------|--------------------------------------------------|---------------|
| 6:00 pm-9:00 pm | Emerging Opportunities in Precious Metals | Sala Rim Naam |
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Session Topics Include:

- *Metallic Glasses*
- *Metal 3D Printing*
- *Hardness of Fine Gold*

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|------------------|---------------------------|------------------|
| 9:00 am-12:00 pm | Cocktail Reception | Terrace Rim Naam |
|------------------|---------------------------|------------------|

February 20, 2018

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|------------------|------------------------------------------------|---------------|
| 9:00 am-12:00 pm | Best Practices in Jewelry Manufacturing | Sala Rim Naam |
|------------------|------------------------------------------------|---------------|

Session Topics Include:

- *Manufacturing and Quality Control*, Dr. Rene Wiskeman, Agosi; Umicore Precious Metals Thailand
- *Refining in SE Asia*, Dr. Jamie Conway Davis and Gary Williams, Mastermelt
- *Supply and Demand*, Jonathan Butler, Mitsubishi
- *Insurance*, Ankur Kacker, Marsh
(Coffee Break at 10:30 am)

| | | |
|------------------|----------------------|-----------|
| 12:30 pm-1:30 pm | Buffett Lunch | Baan Phya |
|------------------|----------------------|-----------|

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|---------------|-----------------------------------|---------------|
| 2:00pm-5:00pm | Precious Metal Procurement | Sala Rim Naam |
|---------------|-----------------------------------|---------------|

Session Topics Include:

- *Factors Impacting Silver Jewelry*
- *Managing Price Risk*, Jonathan Butler, Mitsubishi
- *Discounted Gold... Is it a Myth?*
- *Iridium, Ruthenium, Osmium Distribution in Gold Jewellery*, Pankaj Deshmukh, MMTC PAMP

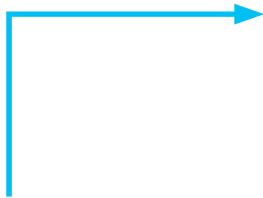
| | | |
|------------------|----------------------------|--------------------------------|
| 6:30 pm-10:30 pm | Closing Gala Dinner | Never Ending Summer Restaurant |
|------------------|----------------------------|--------------------------------|

IPMI Thanks its Sponsors who are committed to this Event: Umicore, Mastermelt, and Pandora. You can register as a Sponsor or Attendee on our website under the Events Calendar. We want to see you there!





ENGINEERING SERVICES



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TECHNOLOGY TRANSFER



PRODUCT SUPPLY

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Precious Metals and Mobility Symposium, continued from page 1

02:00p – 02:30p Umicore – Michael Caffarey / NA Supply
Manager, Recyclables

02:30p – 03:00p Johnson Matthey – speaker to be announced

03:30p – 03:45p Coffee Break

Segment 3: Energy and Infrastructure

03:45p – 04:15p Ari Kahn – ConEdison
Challenges in Energy Distribution

04:15p – 04:45p Shell (Speaker to be confirmed)
The Transformation of the Gasoline Industry

04:45p – 05:15p (Speaker to be confirmed)
The Role of Hydrogen in an “Electrified” World

06:00p – 07:00p Cocktails

Wednesday, April 18

08:00a – 08:30a Michael Thwaite, President of Plug In America and the New Jersey Electric Vehicle Association will tell the story of electric vehicles through the pioneering stage, the controversy between battery and fuel-cell electric, and the daily reality of driving an electric vehicle.

09:15a – 09:45a Jonathan Butler – Precious Metals Strategist, Mitsubishi Corp.
Outlook on the Impact of Electrification on Precious Metal Prices

09:45a – 10:15a Rohit Savant – Precious Metals Analyst, CPM Group
Potential Effects of Automotive Propulsion Technology Changes on PGM Markets

10:30a – 10:45a Coffee Break

10:45a – 11:15a Jeffrey Christian – President, CPM Group
The Role and Impact of Fuel Cell / Hydrogen Technology

11:15a – 11:45a Mike McGlone – Senior Commodity Strategist, Bloomberg
PGM Outlook

11:45a – 12:30p Panel discussion and adjournment

12:45p – 01:45p Lunch

REGISTRATION

Space for this event is limited to 90 participants, so be sure to register early!

Registration fee: For IPMI members: US\$ 425.00

For non-members: US\$ 475.00

A block of rooms has been reserved at the Heldrich Hotel and Conference Center at a preferred rate of US\$ 179.00 per night. Once your participation is confirmed, you will receive a link to reserve your room.

Sponsorship Opportunities:

Platinum (3) \$4,000: Includes sponsorship of the delegate's welcome reception, the Tuesday delegate's dinner or the 2 lunches on a first come, first serve basis. Recognition throughout the event including signage, and the opportunity to display literature in the registration area.

Palladium (3) \$2,000: Includes sponsorship of one morning or afternoon coffee break. Recognition throughout the event and the opportunity to display literature in the registration area.

Rhodium (no limit) \$ 1,000: Collective sponsorship of the Tuesday delegate's cocktail hour. Recognition throughout the event and the opportunity to display literature in the registration area.

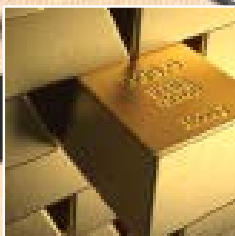
We look forward to seeing you at this exciting event!



The Heldrich Hotel and Conference Center



Alex Stewart International Corporation



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.

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

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IPMI Announces Dr. Jonathan Jodry as New Awards Chairman

IPMI is pleased to announced that **Dr. Jonathan Jodry** has accepted the voluntary position of Awards Chairman. Jonathan will oversee the Awards Committee and supervise the handling of all IPMI Award Nominations. With up to 15 awards given each year, it is a daunting task and we appreciate his willingness to accept this responsibility.

About Jonathan:

Jonathan J. Jodry is Head of Laboratories at Metalor Technologies, a company he joined in 2009. Based in Marin, Switzerland, he collaborates very closely with all Metalor subsidiaries in America and Asia. He also is in charge of the New Business Development group.

His technical background comes from organic chemistry, with a PhD obtained in 2000 from University of Geneva. He then moved to Japan, where he spent many years working in both the academic system and for the industry.

In 2013, he was one of the founding members and Officers of the European Chapter of the IPMI, and currently serves as Vice-President of the Chapter. He will also chair the Awards Committee of the IPMI for 2018.

Jonathan is one of the five Referees at both the LPPM and the LBMA, a member of the Management Committee of the LPPM, and has been elected in 2016 as chairperson of the ISO Technical Committee 174, in charge of all ISO standards related to precious metal.

IPMI thanks prior Awards Chair **Dr. Bob Ianniello** for his years of service in this voluntary position.



The Future Importance of the IPMI Student Awards

Our young people are our hope for tomorrow. It's true in any industry, but most relevant to us in the precious metals community. For over thirty years IPMI has given hundreds of thousands of dollars in scholarships to students in precious metal research. These students have gone on to be respected in their chosen fields, be it industry or academia. Many have continued to be a part of IPMI, as members, conference speakers and student advisors. All this would not be possible without the founding members of IPMI, and remember some of them were professors themselves, who were dedicated to precious metals, precious metals research and the exchanging of ideas and possibilities concerning precious metals.

In recent years we have had many of our corporate members come forward and recognize the importance of precious metals education by establishing Student Awards and IPMI greatly appreciates their continued support in IPMI's mission to educate and exchange information by funding these scholarships.

IPMI Thanks:

Sabin Metal Corporation

Metalor Technologies

Johnson Matthey

Gero Family Trust

Metro NY Chapter

Republic Metals

Colonial Metals/Ames Goldsmith

If you would like to become a Corporate Sponsor for an IPMI Student Award please contact our office for information. Your company would be listed on the Award as well as having it publicized through the industry as well as the halls of academia. The amount of a scholarship is not unreachable to most company budgets. In fact we are sure your company spends more on coffee in one year than the amount the scholarship would cost and that scholarship would aid in precious metal research that reaches into many areas of concern for the future: fuel cells, cancer research, water filtration, stem cell research and the list goes on.

You can be a part of the future of precious metals by being a student award sponsor. Contact mail@ipmi.org.



Pyromet Acquires Leading Silver Bullion Mint, Suns of Liberty Mint Inc.

Pyromet announced that it has acquired **Suns of Liberty Mint**, effective immediately. The purchase will complement Pyromet's Industrial Precious Metal product offering through the addition of investment and collectible coins, tablets, cards and other minted products.

"As a high purity Precious Metal Refiner, Pyromet's acquisition of Suns of Liberty enables us to leverage a vertically integrated refining process to supply high purity and cost-effective precious metals to a new segment of minted products." said Randy Klein. "This represents an important strategic opportunity for our future direction by providing investment services and products to the industry and the everyday consumer."


About Pyromet

Pyromet, based in Aston, PA, is a privately-owned precious metals manufacturer and refiner of silver, gold, and platinum group metal. Since 1969, Pyromet has been a trusted name in precious metals. www.pyromet999.com

About SOLM

Suns of Liberty Mint was founded by Green Beret Veteran and Valor Award recipient David Breger in 2011 and dedicated itself to the benefits of silver bullion in fractional sizes for better divisibility.


For Further Information, contact Gigi Combe, email: gigi.combe@pyromet999.com, or phone 610-497-1743.



5 Commerce Drive Aston, PA 19014 | 1-866-PYROMET | 1-610-497-1743

| Product | Overview | Pricing | | | |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------|----------------------------------------|-----------------------------------------|
| The Silver Card <i>Fits in your wallet!</i> | 1 Troy oz, 999+ Fine Silver Precision Minted, Mirror finish Made by Pyromet | 1 Card \$6 + spot/oz | 10 Cards \$3 + spot/oz | 100 Cards \$2.50 + spot/oz | 500 Cards \$2.00 + spot/oz |
| .25 SOLM High Luster <i>#1 Value in Fractional Silver</i> | ¼ Troy oz, 999+ Fine Silver Hi Luster, includes mini bank bag. Made by Suns Of Liberty Mint | 40 Pcs (10 oz) \$0.87 + spot/each | 200 pcs (50 oz) \$0.75 + spot/each | 400 Pcs (100 oz) \$0.52 + spot/each | 2000 Pcs (500 oz) \$0.48 + spot/each |
| Pyromet Round <i>Silver Bullion, Trusted name</i> | 1 Troy oz, 999+ Fine Silver Pyromet Design, precision minted. Includes assay certificate | 10 Rounds \$2.00 + spot/oz | 20 Rounds \$1.85 + spot/oz | 50 Rounds \$1.70 + spot/oz | 500 Rounds \$1.60 + spot/oz |
| Pyromet 10 oz Bar <i>Precision minted 10 oz Bar</i> | 10 Troy oz, 999+ Fine Silver Perfect for investing Includes assay certificate | 1 Bar \$2.00 + spot/oz | 2 Bars \$1.85 + spot/oz | 5 Bars \$1.70 + spot/oz | 50 Bars \$1.60 + spot/oz |
| Pyromet 50 oz Bar <i>Perfect size, great to hold</i> | 50 Troy oz, 999+ Fine Silver Available in Satin, or Polished finish Includes assay certificate | 1 Bar \$3.90 + spot/oz | 10 Bars \$0.85 + spot/oz | 20 Bars \$0.80 + spot/oz | 100 Bars \$0.70 + spot/oz |
| Pyromet 100 Stacking Plate <i>Lowest price per oz</i> | 100 Troy oz, 999+ Fine Silver Our Best price per oz! Includes assay certificate | 1 Bar \$0.80 + spot/oz | 5 Bars \$0.75 + spot/oz | 10 Bars \$0.70 + spot/oz | 50 Bars \$0.60 + spot/oz |


OUR AFFILIATIONS




CERTIFICATIONS




50 oz Bar Satin Finish



The Silver Card



Pyromet 1 oz Round



100 oz Stacking Plate





Refine Your Assets With the Leader For Maximum Value



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.



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 West Coast - 2113 East Sky Harbor Circle South, Phoenix, AZ 85034
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Upcoming Meetings

SAC - Houston Airport Marriott, at George Bush Intercontinental Airport, Houston, Texas - Feb 6, 2018

PRC - Phillips 66 Corporate Training Center 2331 City West Blvd, Houston, Texas - Feb 7, 2018

SECAM (Security Council Anti Money Laundering Committee) - Fort Lauderdale Marriott Harbor Beach Resort - March 5-7, 2018

New England Chapter Dinner Meeting - Wannamoisett C. C. in Rumford, RI - Mar 15, 2018

Speaker Miguel Perez-Santalla (Heraeus Metals New York)

Precious Metals Mobility Seminar - Heldrich Hotel, New Brunswick, New Jersey - April 16-18, 2018

Contact IPMI if you are interested in attending any of these meetings.



IPMI® Calendar

| | | |
|-------------|-----------|-------------------------------------------------------------------------------------------|
| 2018 | Feb 6 | SAC Meeting • Houston Airport Marriott, Houston TX |
| | Feb 7 | PRC Meeting • Phillips 66 Corp. Training Center, Houston TX |
| | Feb 19-20 | IPMI Seminar • Bangkok, Thailand |
| | Mar 5-7 | SECAM Meeting • Ft. Lauderdale Marriott Harbor Beach Resort, Ft. Lauderdale FL |
| | Mar 15 | New England Chapter Dinner Meeting • Wannamoisett C. C., Rumford RI |
| | Apr 16-18 | Precious Metals Mobility Seminar • Heldrich Hotel, New Brunswick NJ |
| | June 9-12 | 42 nd Annual Conference • JW Marriott San Antonio Hill Country, San Antonio TX |
| | Sept 13 | 6 th Annual IPMI Platinum Dinner • New York Palace Hotel, New York NY |