

June 2021 Seminars

Hyatt Grand Cypress Resort - Orlando

Sampling & Analytical Seminar - **June 8**

Auto Catalyst & Fuel Cell Seminar - **June 9**

Security & Anti Money Laundering Seminar - **June 10**

SOLD OUT

If you are interested in attending, please contact IPMI for any opening.

AGENDAS

Sampling & Analytical Seminar Agenda - June 8

- Sampling and Analytical Committee Updates
- Innovations and Optimization : What's new and improved in the field of precious metals
- Instruments and Analysis : A look at the latest advances in analytical instrumentation
- Auto Catalyst Overview: A deep dive into the sampling and analysis aspects of Autocatalyst reclamation

Auto Catalyst and Fuel Cell Seminar Agenda - June 9

- PGM Market Outlook
- Emission Standards - What's Ahead ?
- Autocatalyst Recycling and Refining- Perspectives from Markets, Collection and Primary Refining
- Powertrain Mix Outlook
- Fuel Cells - A look at the latest developments and the demand it could create for catalysts

Security & Anti-Money Laundering Seminar Agenda - June 10

- Proliferation of Catalytic Converter Thefts and Illicit Trafficking Trends
- New AML Regulations
 - National Defense Authorization Act
 - Anti- Money Laundering Act
- Panel on Effects and Practical Implementation Response to New AML Challenges
 - Compliance Officers
 - Aggrigators/Collectors
 - Primary/Secondary Refiners
 - Trading Desks
- Armored Transport Providers Risk Update
- Security Challenges & Solutions in the COVID Era - A Security Directors Panel



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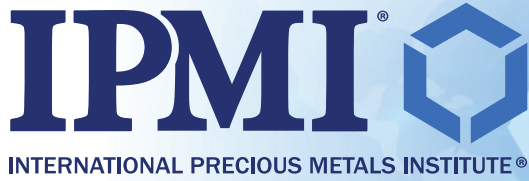
ENVIRONMENTAL AND REGULATORY AFFAIRS COMMITTEE (ERAC)

Spring Webinar Meeting May 12, 2021



Agenda

10:00 – 10:15	Welcome	Larry Drummond – IPMI
10:15 – 10:45	UK-REACH: Latest Developments and Impacts on US Exporters	Nissanka Rajapakse Amelia Hinchcliffe – Johnson Matthey
10:45 – 11:15	Beyond the Numbers: A Systems Thinking Approach to Global Trade and Risk	Danielle Taveau – Bold Text Strategies Dr. Lydia Kostopoulos
11:15 – 11:45	New Administration Trade Agenda and Critical Minerals Strategy	Brian Ledgerwood – US Department of Commerce
11:45 – 12:15	COVID-19: One Year Later A Health & Safety Prospective	Elba Lizardi – BASF Chris Fitzpatrick – Johnson Matthey
12:15 – 12:30	Closing Comments / Q&A	



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At Metallix, our analytical laboratory houses some of the world's most advanced equipment with an international team of industry professionals committed to formulate and optimize the process of precious metal recovery.

LEARN MORE

The Metallix analytical laboratory with a footprint of 4,000-square feet was designed by our Director of Technology Claudio Ferrini and features some of the most advanced analytical technology and applied sciences, ensuring optimal performance and employee safety.

MAXIMIZING ACCURACY

Although fire assay is considered the most reliable method for accurately determining the content of gold, silver, and platinum-group metals in the industry, this analytical process is just one in a series of modern instrumental analysis to obtain the highest accuracy on each sample.

The treatment of each sample arriving in the laboratory is determined by its origin, recommendations by our internal precious metal review board and established methods most aligned to the material type.

A PRECIOUS METALS RECYCLING COMPANY



Marc Campillo-Funollet, PhD - Refining Manager

"At Metallix, our team are the company's real competitive edge and with a world class laboratory on hand we are destined to achieve great things. Each day we push the boundaries in continual improvement to deliver excellence and drive our industry forward."

Marc Campillo-Funollet, PhD
Refining Manager



Tracy Montour - Wet Chemistry Manager

"As Wet Chemistry Manager, my role is to schedule and oversee the chemical processing of supplier material to ensure maximum recovery while maintaining a safe and environmentally sound work environment. I work closely with our lab to develop and scale up new methodologies for metal recovery to meet the needs of the market."

Tracy Montour
Wet Chemistry Manager

RESEARCH AND DEVELOPMENT

Metallix's R&D focus is on innovative solutions with a goal to achieve sustainability without compromising our environmental commitment. We are aligned to meet the market needs of our Suppliers for the expedient and viable recycling of precious metal bearing materials.

A key deliverable is "Proof of Concept Testing", tests and validation forming a basis for modifications and continuous improvement in the recovery process.



ATTAINING THE HIGHEST INDUSTRY STANDARDS

Analytical methods are observed through proficiency testing to evaluate the quality and technical competence of the laboratory. Equipment in the laboratory is calibrated using certified standards to guarantee that all the results are traceable to NIST (National Institute of Standards and Technology) certified reference materials. NIST certification means a product has been tested against a NIST SRM set of standards and meets the exacting requirements for that product. Metallix is ISO 14009:2015 and ISO 9001:2015 certified.

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IPMI Foundation Student Awards Nominations Extended Thru May 5, 2021

The IPMI Foundation is the charitable, scientific and educational affiliate of the International Precious Metals Institute (IPMI). One of the Foundation's primary purposes is its **Student Awards Program**. Each year at its Annual Meeting, the Foundation awards some \$100,000 in grants, internships, and cash awards to students, professors, and student advisors from around the world.

Scholarships to research focusing on precious metals include:

- **IPMI Student Awards**
Up to 3 IPMI-sponsored Student Awards in the amount of US\$ 5,000 to US\$ 15,000 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 2021 may not graduate before 2022).

Documents

The following application documents are required:

- 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;
- 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 documents; the file name should be as follows: "student_last_name student_first_name - academic institution with country" (for example: Smith John -Columbia University USA).
- Please mail the pdf application to: mail@ipmi.org

Student Award Winners

The student award winners are asked to attend IPMI's Annual Conference in Reno, Nevada (USA) in October 2021, present their work in the Student Research Session and join all the conference professional and social events. They will have many opportunities to meet and interact with people from the precious metal industry.

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

Timeframe Date Action

5 May 2021 - Deadline for submitting application
ca. 30 June 2021 - Award winners will be notified
6-9 October 2021 - Conference in Reno, NV

For questions please contact mail@ipmi.org



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45th Conference Call for Papers

The IPMI 45th Conference will be held at the Peppermill Resort In Reno Nevada Oct 6-9, 2021. Our Technical Program, following the format for 2020, is restructured to allow for a more scientific and informative approach and at this time we are officially submitting a Call for Papers.

- Potential Speakers Must Submit Abstract to IPMI by **June 1, 2021**
- Abstracts will be Vetted by the Technical Chairs and Selected Speakers Confirmed by June 1, 2021
- Any papers that are "Marketing Oriented" will be assigned to the *New Technology: What's on the Horizon* session

Topics for Papers

- Sampling and Analysis
- Hedging/Finance/ Market Analysis
- Environmental/Legal/Regulations/Insurance
- New Technologies
- Mining

Please submit your abstract including Title by **June 1, 2021** to mail@ipmi.org



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TANAKA Memorial Foundation Announces Recipients of Precious Metals Research Grants

The TANAKA Memorial Foundation's Representative Director, **Hideya Okamoto**, announced the recipients of the FY2020 Precious Metals Research Grants.

Following a rigorous screening process, the Gold Awards, each for 2 million yen, were presented to **Professor Yasushi Sekine** and **Professor Hideyuki Murakami**, both of **Waseda University**.

Professor Yasushi Sekine of Waseda University was presented the Gold Award for development and application of precious metal catalytic reactions with unconventional low-temperature action using surface protonics. Also receiving a Gold Award was Professor Hideyuki Murakami of Waseda University for development of an oxidation resistant Ir-based high-entropy alloy. Development of precious metal catalysts that can contribute to carbon neutrality and development of Ir alloys with excellent high-temperature characteristics and oxidation resistance received awards.

In addition, three research projects received Silver Awards, and four Young Researcher Awards were presented.

The TANAKA Memorial Foundation undertakes programs designed to foster developments in new precious metal fields while contributing to the advancement of science, technology, and socio-economics for the overall enrichment of society. The research grant program was launched in FY1999 and has continued each year since with the goal of supporting the various challenges of the "new world opened up by precious metals." This year, the program's 22nd year, a total of 171 applications were received in a wide range of fields where precious metals can make contributions to the research and development of new technologies. A total of 16.1 million yen in research grants was awarded for 26 projects.

The names of the two Gold Award recipients, their research, and the reasons for their selection are below.

- **Professor Yasushi Sekine, Waseda University**

Development and application of precious metal catalytic reactions with unconventional low-temperature action using surface protonics.

This research seeks to develop solid catalyst reactions at low temperatures (from room temperature to 200 degrees) using surface protonics. This research and development was highly rated for its potential contributions to the SDGs and ESG investment as well as its ability to make major contributions to the government's target of achieving carbon neutrality by 2050.

- **Professor Hideyuki Murakami, Waseda University**

Development of oxidation resistant Ir-based high-entropy alloy.

This research seeks to develop high-entropy alloys, a new category of metal materials that are currently the focus of significant attention, using an iridium (Ir) based alloy to create a material with excellent high-temperature characteristics and oxidation resistance. This research was highly rated because it may lead to a solution to the problem of Ir depletion at high temperatures in the range of 1,000 degrees Celsius and may improve ductility, which is an issue for Ir alloys.

Three Silver Awards, four Young Researcher Awards, and 17 Encouragement Awards were also granted. The recipients and an overview of the Precious Metals Research Grants are indicated below. Applications for the FY2021 research granted are scheduled to open in the fall.

List of FY2020 Precious Metals Research Grants Recipients

- Platinum Award (0 award, 5 million yen)

Non granted

- Gold Award (2 awards, 2 million yen each)

Yasushi Sekine, Professor, Waseda University

Development and application of precious metal catalytic reactions with unconventional low-temperature action using surface protonics

Hideyuki Murakami, Professor, Waseda University

Development of oxidation resistant Ir-based high-entropy alloy

- Silver Awards (3 awards, 1 million yen each)

Ryuji Tamura, Professor, Tokyo University of Science

Precious metal hyper-materials

Masahito Inagaki, Researcher, Nagoya University

Development of nucleic acid cutting technology using silver nanoparticles and pharmaceutical development applications

Tatsuya Oshima, Professor, University of Miyazaki

Search for and discovery of optimal ion solvation extraction agent for gold extraction and separation processes

[continued on page 9](#)

TANAKA Precious Metals Research Grants Winners, continued from page 8

- Young Researcher Awards (4 awards, 1 million yen each)

Noriyuki Uchida, Specially Appointed Assistant Professor, Tokyo University of Agriculture and Technology

Photonic precious metal crystal sensors made primarily from water

Yuki Ueda, Researcher, Tokyo Institute of Technology

Development of precious metal element separation and recovery processes using the hydrophobicity of fluorinated solvents

Rajashekar Badam, Senior Lecturer, Japan Advanced Institute of Science and Technology

IrO₂-based organic-inorganic hybrid catalyst with strong metal-base interaction with efficient oxygen generation catalytic activity suitable for water decomposition

Yohei Ishida, Assistant Professor, Hokkaido University

Self-synthesis of multi-element alloy clusters using nano-chemical reaction fields

- Encouragement Award (17 awards, 300,000 yen each)

Shunsuke Shiba, Assistant Professor, EHIME University

Takayuki Iseki, Specially Appointed Prof., Osaka University

Chen Chuantong, Associate Professor, Osaka University

Kohsuke Mori, Associate Professor, Osaka University

Hiroshi Yuasa, Professor, Kyushu University

Yoshikazu Hirai, Assistant Professor, Kyoto University

Ken-ichi Fujita, Professor, Kyoto University

Ryo Kasuya, Senior Researcher, National Institute of Advanced Industrial Science and Technology

Masahiro Aoyama, Assistant Professor, Shizuoka University

Daisuke Nagai, Associate Professor, University of Shizuoka

Takanari Ouchi, Research Associate, The University of Tokyo

Takuto Soma, Assistant Professor, Tokyo Institute of Technology

Kohei Fujiwara, Associate Professor, Tohoku University

Atsushi Satsuma, Professor, Nagoya University

Naoki Ishimatsu, Assistant Professor, Hiroshima University

Takuya Yamamoto, Associate Professor, Hokkaido University

Yoshiaki Nishijima, Associate Professor, Yokohama National University

Overview of the 2020 Precious Metals Research Grants

Conditions:

Research content that falls under any of the following

- New technology related to precious metals
- Research and development related to precious metals that bring

about innovative evolution in products

- Research and development of new products using precious metals
*Precious metal refers to eight elements of platinum, gold, silver, palladium, rhodium, iridium, ruthenium and osmium.

*If development is conducted jointly (or planned to be) with other material manufacturers, please indicate so.

*Products that have already been commercialized, put to practical use, or that are planned are not eligible.

Grant Amounts:

- Platinum Award: 5 million yen (1 award)

- Gold Award: 2 million yen (1 award)

- Silver Awards: 1 million yen (4 awards)

- Young Researcher Awards: 1 million yen (2 awards)

- Encouragement Award: 300,000 yen (several awards)

*The grant amount is treated as a scholarship donation.

*Awards may not be granted in some cases.

*The number of awards is subject to change.

Eligible Candidates:

- Personnel who belong to (or work for) educational institutions in Japan (universities, graduate schools, or technical colleges) or public and related research institutions may participate.

*As long as the applicant is affiliated with a research institution in Japan, the base of activity can be in Japan or overseas.

*The Young Researcher Awards are for researchers under the age of 37 as of April 1, 2020.

Application Period:

- 9am, September 1, 2020 (Tue) - 5pm, November 30, 2020 (Mon)

Inquiries Concerning the Research Grant Program:

Precious Metals Research Grants Office

Marketing Department, TANAKA Kikinokogyo K.K.

22F Tokyo Building, 2-7-3 Marunouchi, Chiyoda-ku, Tokyo 100-6422

TEL: 03-6311-5596 FAX: 03-6311-5529

E-mail: joseikin@ml.tanaka.co.jp

TANAKA Memorial Foundation

website: <https://tanaka-foundation.or.jp>

Press release in PDF:

http://www.acnnewswire.com/pdf/files/20210331_EN.pdf

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INDUSTRY NEWS

TANAKA Precious Metals Research Grants Winners, continued from page 9

TANAKA Memorial Foundation

Established: April 1, 2015

Address: 22F Tokyo Building, 2-7-3 Marunouchi, Chiyoda-ku, Tokyo

Representative: Hideya Okamoto (Senior Advisor to TANAKA Holdings Co., Ltd.)

Purpose of Business: To provide grants for research related to precious metals to contribute to the development and cultivation of new fields for precious metals, and to the development of science, technology, and the social economy.

Areas of Business:

- Provision of grants for scientific and technological research related to precious metals.
- Recognition of excellent analysis of precious metals and holding of seminars and other events.

TANAKA Kikinzoku Kogyo K.K.

Headquarters: 22F, Tokyo Building, 2-7-3 Marunouchi, Chiyoda-ku, Tokyo

Representative: Koichiro Tanaka, Representative Director & CEO

Founded: 1885

Incorporated: 1918

Capital: 500 million yen

Employees: 2,393 (as of March 31, 2020)

Sales: JPY 992,679,879,000 (FY2019)

Main businesses: Manufacture, sales, import and export of precious metals (platinum, gold, silver, and others) and various types of industrial precious metals products.

URL: <https://tanaka-preciousmetals.com>

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Precious Metals Market News

Gold

- **Legislation Introduced to Recognize Gold, Silver as U.S. Currency**
 - Tuesday, U.S. Representative Alex Mooney (R-WV) introduced the Monetary Metals Tax Neutrality Act (H.R. 2284) bill in the House. According to the bill, the proposed legislation would remove capital gains, losses, or any other type of federal income calculation on gold and silver bars and coins. The legislation would effectively recognize gold and silver as forms of currency.
<https://www.kitco.com/news/2021-03-31/Legislation-introduced-to-recognize-gold-silver-as-U-S-currency.html>
- **China Renews Appetite for Gold with US\$8.5 Billion Set to Arrive as Central Bank Relaxes Quotas**
 - China's appetite for gold jewelry, bars and coins has recovered as the economy rebounded in recent months. Around 150 tonnes of gold, worth US\$8.5 billion at current prices, are likely to be shipped by next month, multiple sources claim.
<https://www.scmp.com/economy/china-economy/article/3129894/china-renews-appetite-gold-us85-billion-set-arrive-central>

Silver

- **IHS Markit Forecasts 181 GW of New PV Capacity for This Year**
 - In the white paper IHS Markit Top 10 Cleantech Trends in 2021, the analyst said this growth would represent a 27% year-on-year increase compared to 2020 and would materialize in a scenario that the analysts described as characterized by strong demand despite increased module prices, long lead times, and rising freight costs.
 - "Leading module manufacturers are sold out for the first half of the year," said Josefin Berg, research manager for clean energy technology at IHS Markit. "There is no indication of price weakness for July shipments yet, manufacturing capacity remains sufficient and no major material bottlenecks have arisen to change our forecast for 181 GW in global solar PV installations."
<https://www.pv-magazine.com/2021/03/29/ihs-markit-forecasts-181-gw-of-new-pv-capacity-for-this-year/>

Platinum

- **Platinum Use in Vehicle Emissions Control Systems Increasing as New Regulations Kick In**
 - Automotive demand for platinum is expected to grow by 25% year-on-year to reach almost three-million ounces this year, the World Platinum Investment Council (WPIC) reports. The three-million-ounce demand forecast will be 5% higher than pre-pandemic levels.
https://www.miningweekly.com/article/platinum-use-in-vehicle-emissions-control-systems-increasing-as-new-regulations-kick-in-wpic-2021-04-21/rep_id:3650

Palladium

- **Europe Car Sales Surge 63% in March, Erasing Earlier Decline**
 - New car-registrations rose 63% in March, the European Automobile Manufacturers' Association said Friday. The gains erased an early-year decline to leave sales up 0.9% for the quarter.
 - The 1.39 million vehicles registered was the highest since June 2019.
<https://www.msn.com/en-us/money/markets/europe-car-sales-surge-63-in-march-erasing-early-year-decline/ar-BB1f16UB?ocid=BingNewsSearch>
- **TSMC Says Car Chip Supply Will Improve in Q3**
 - TSMC has been doing its utmost to meet demand from its clients amid the acute car chip shortage since the fourth quarter of last year. In response, TSMC announced in January that it would give top priority to car chips to help desperate automakers navigate the difficulties that have disrupted production. The situation has since been compounded by the frigid weather in the U.S. state of Texas and a recent fire at a Japanese chip plant.
<https://focustaiwan.tw/business/202104150028>

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INDUSTRY NEWS

Precious Metals Market News, continued from page 11

Mining

• **Norilsk: Production Recovery at Oktyabrsky Mine is Ahead of Schedule**

- Nor Nickel, the world's largest producer of palladium and high-grade nickel and a major producer of platinum and copper, announces that the Company has resumed production at the Oktyabrsky mine after successfully dealing with the flood. The mine's workings have been drained; mining operations are restarting ahead of schedule.
- The plan to restore normal operations has been updated. The Oktyabrsky mine is expected to resume production in full by the end of April. Today, the mine's capacity has reached 60% of the target level.

<https://www.nornickel.com/news-and-media/press-releases-and-news/production-recovery-at-oktyabrsky-mine-is-ahead-of-schedule/>

Iridium

• **Ruthenium, Iridium Set to Be Price “Winners” as Supply Elasticity Tempers Platinum, Palladium**

- The minor platinum group metals (PGMs) ruthenium and iridium, would be the “winners” in terms of average price performance in 2022 whilst the average prices for platinum and palladium would be tempered by new supply, according to research house, SFA Oxford.
- Commenting at the Joburg Indaba PGM Industry Day, an online conference, SFA Oxford executive chairman, Stephen Forrest, said South African PGM supply would be elastic; that is, it would respond to higher average prices, especially with a lot of mothballed capacity that could be switched on.

<https://www.miningmx.com/top-story/45700-ruthenium-iridium-set-to-be-price-winners-as-supply-elasticity-tempers-platinum-palladium/>

continued on page 13



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Precious Metals Market News, continued from page 12

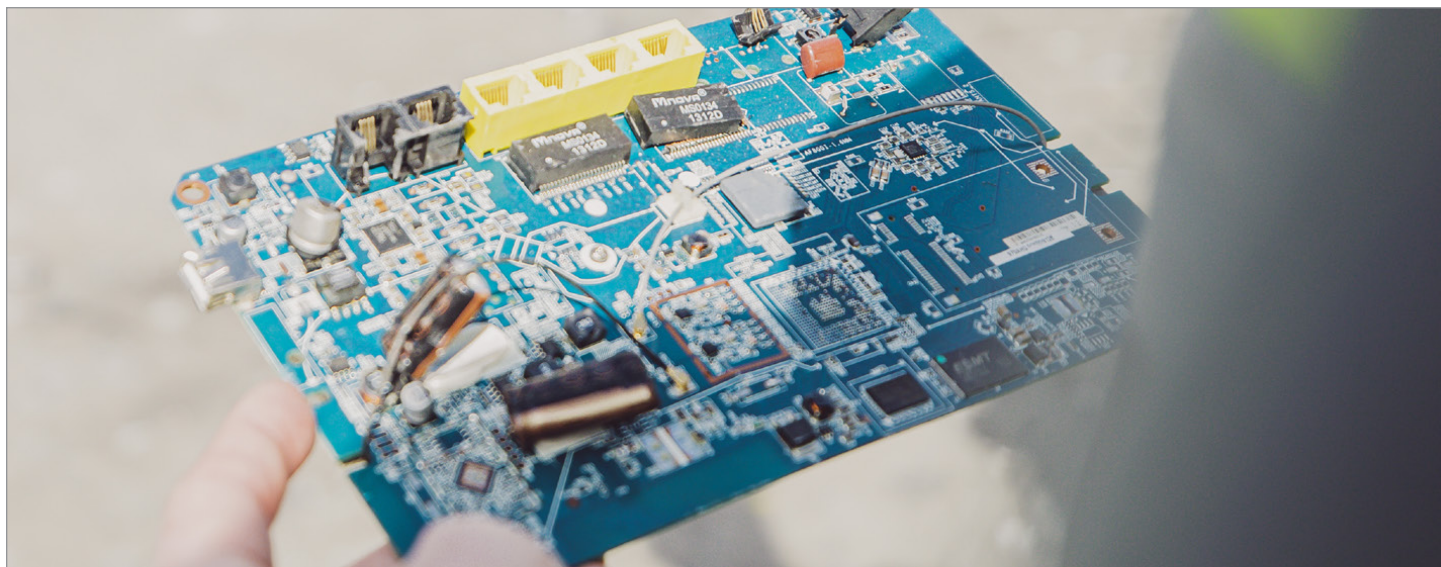
Refining

- **Simpler E-Waste Recycling Method Might Be Greener, Too**

- The new approach can separate different metals in e-waste using only air and high temperatures.
- In a paper published in the journal Materials Horizons in March, materials scientist Martin Thuo and his collaborators at Iowa State University demonstrated a new method of extracting valuable metals from recycled electronics: one that requires only air and relatively low temperatures of 500-700 degrees Fahrenheit (260-370 degrees Celsius).

<https://www.insidescience.org/index.php/news/simpler-e-waste-recycling-method-might-be-greener-too>

Please see our IPMI.org website **IPMI & Industry News** for a complete listing of news articles relative to the world of precious metals.



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aurubis.com/recycling

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In Memoriam: Peter Hug

Once again, the gold market is mourning the loss of another industry leader and titan with the passing of Peter Hug, global trading director at Kitco Metals.

Hug passed from cancer Monday evening at his home in Arizona at the age of 69. Hug joined Kitco's leadership team in February of 2010 as director of global trading and risk management and was director of Kitco Hong Kong operations.

John Dourekas, director of Kitco Media, said that Hug was an invaluable asset who helped develop Kitco News through his regular commentaries and interviews.

"Today, I am mourning the loss of my dear friend Peter Hug," said Dourekas. "Peter was a genius businessman; he had tremendous depth and breadth of knowledge about the way markets and the precious metals industry worked. His leadership style was candid and reality-based; he was also the hardest worker in the room. Peter would wake up at 4:00 am to start his busy day, checking the markets, writing his commentary, trading, working on numerous projects, and being the last one to log out late in the evening after meeting with our Hong Kong office. He also liked to play hard — extremely competitive softball player, golfer, an avid outdoorsman. He enjoyed hunting, fishing, and camping," he added.

"Peter had many strengths, the one I respected the most was his ability to make you step out of your comfort zone to take on new challenges. He wasn't only cheerleading; he was in the trenches with you, questioning every assumption and sharing his knowledge and what he has learned while having fun all the way. He loved his job; we would talk about everything and anything, always enjoying life and having a good time. It was a privilege to know him, to be his co-

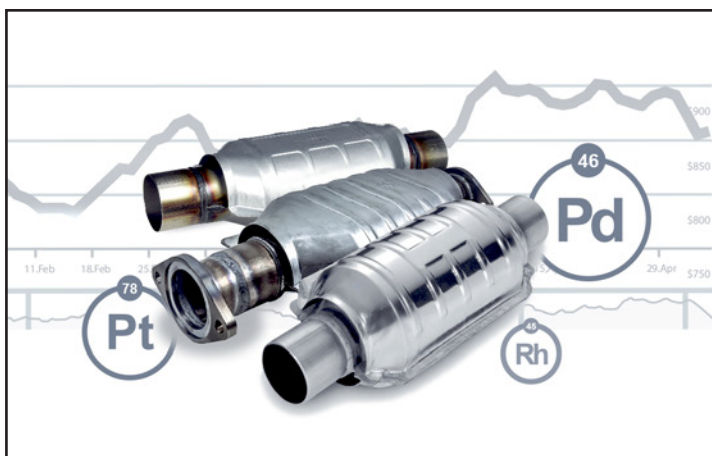


worker and close personal friend," Dourekas said.

Hug was well-known to Kitco viewers through his commentary and regular interviews. His feature "For Pete's Sake", drew on his frontline experience acquired over the years to provide a trader's perspective on the market and had a viewership of hundreds of thousands of loyal followers.

Hug was a frequent speaker at precious metals conferences often quoted in the financial media space. His daily note analysis on the precious metals markets was quoted regularly by WSJ, MarketWatch, CNN, Bloomberg, CNBC, and TheStreet.

With more than 40 years of experience, Hug was one of the handfuls of experts who have succeeded through multiple bull and bear cycles on the strength and skills honed during the dramatic fluctuations of the 1980s.



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Where Are They Now?



2020 Sabin Metal Student Award Winner Yingwei Li gives us an update: "I'm going to graduate with a PhD's degree in chemistry from Carnegie Mellon University this summer, and I will start my postdoc research at Harvard University this September."



Georgios Giannakakis, 2020 IPMI Johnson Matthey Student Award Winner reports: "I am currently in the process of defending my PhD thesis at Tufts University and will be graduating in the coming weeks."



2020 IPMI Student Award Winner Chengwei Liu reports: "I have joined the group of Professor Stephen Fletcher at University of Oxford as a post-doctoral research associate now."



David Lim, 2020 Metalor Student Award Winner reports: "I am currently finishing up my 5th year of Ph.D. in Chemistry at Harvard."



IPMI 2019 Colonial Metals Student Award Winner Jennifer Lee updates: "I received my PhD in 2020 from the University of Pennsylvania with Prof. Christopher Murray and am now a postdoctoral fellow at Harvard University working with Prof. Cynthia Friend

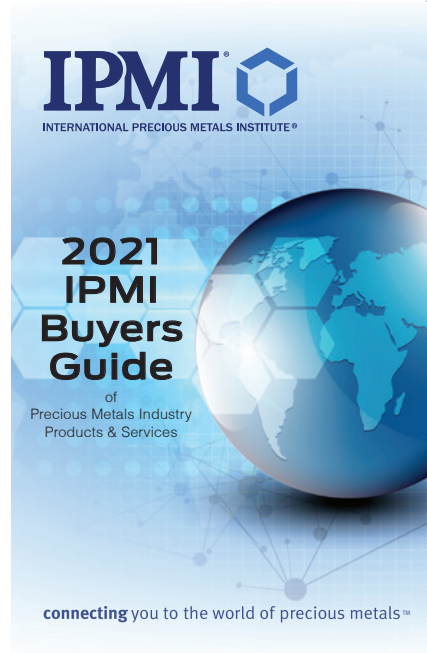


2020 IPMI Bright Futures Award Winner Wenjie Zhou reports: "I am currently still a graduate student at Northwestern University, Department of Chemistry."

and Prof. Robert Madix on developing catalysts for energy-efficient processes."

Members Directory and Buyers Guide Available Electronically

You may now receive the IPMI 2021 Members Directory and 2021 Buyers Guide publications electronically. Contact mail@ipmi.org for details.



IPMI® Calendar

To register attendance to IPMI events or add to your personal calendar, click on the following: https://www.ipmi.org/events/event_list.asp

2021	May 12	ERAC Spring Webinar Meeting • Online
	Jun 8	Sampling & Analytical Committee Seminar • Hyatt Grand Cypress, Orlando, FL
	Jun 9	PGM Autocat/Fuel Cell Seminar • Hyatt Grand Cypress, Orlando, FL
	Jun 10	Security & AML Committee Seminar • Hyatt Grand Cypress, Orlando, FL
	Sep 30	Platinum Dinner • New York, NY
	Oct 6-9	45th Annual Conference • Peppermill Resort • Reno, NV