IPMI 50

PRECIOUS METALS NEWSLETTER

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OCTOBER 2026



SAC SYMPOSIUM

Event Recap

PLUS:

- Legislative Event in Washington
- Winter Meeting at New Location
- New England Chapter End of Year Event
- Gannon & Scott Welcomes Nelson R. Castellanos
- IPMI Intern Program
- Latest Industry News



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IPMI 50 2026-2027 UPCOMING EVENTS



New England Chapter End-of-Year Celebration

Thursday, November 12, 2026
Iron Works Tavern
Warwick, Rhode Island

REGISTER



2026 EC IPMI Annual Conference

15th to 17th November 2026
Athens Marriott Hotel
Athens Greece

SOLD OUT



2027 Legislative and Regulatory Affairs

January 26 & 27, 2027 (CST)
Army & Navy Club
Washington D.C.

REGISTER



IPMI Winter Meeting

March 1-3, 2027
Disney's Coronado Springs Resort
Orlando, Florida

REGISTER



IPMI 51st Annual Conference

June 12-15, 2027
The Phoenician Resort
Scottsdale, Arizona

2027 Legislative and Regulatory Affairs Seminar

January 26–27, 2027 • The Army & Navy Club • Washington, D.C.

Preliminary Program

Day 1
Tuesday, Jan. 26

1:30 PM: Welcome and Opening Remarks
Larry Drummond, IPMI
Louise Arnold, Johnson Matthey
Joe Cavatoni, World Gold Council
1:45 PM: Precious Metals Market Updates
2:30 PM: What the Current Political Landscape Means to the Industry
3:15 PM: Afternoon Break
3:30 PM: Risks and Opportunities for Small Scale Gold Mining
4:15 PM: Autocat Theft Legislation Update
From Theft Crisis to Compliance Crisis: Getting Converter Law Right
Alysah Miller, Accurate Converter
PACT Working Group Lead
5:00 PM: Reception
6:00 PM: Army & Navy Club Seafood Buffet

Day 2
Wednesday, Jan. 27

8:00 AM: Continental Breakfast
9:00 AM: Opening Remarks
9:15 AM: Collateral Effects: How Gold Compliance Measures Are Reshaping India's PGM Trade
Louise Arnold, Johnson Matthey
9:45 AM: Silver in the EU Regulatory Landscape: Chemicals Management and Sustainability
France Capon, European Precious Metals Federation
10:15 AM: Break
10:30 AM: Gold Digitization — Modernization and What to Watch For
11:15 AM: Interactive Group Session
Issues and impediments, what to do, what to learn more about, what LARAC should focus on
12:00 PM: Lunch
1:30 PM: Conference Concludes

Space is limited, reserve your spot!

REGISTER

Limited Number of Rooms Available

A limited number of hotel rooms are available. To reserve a room, please contact Joy Corbett or Selihom Zeccarias at **(202) 628-8400** and mention IPMI.



IPMI 50 WINTER MEETING

New Dates & New Venue!
March 1–3, 2027
Disney's Coronado Springs Resort
Orlando, Florida

Join colleagues from across the precious metals industry for three days of market insight, technical sessions, and networking at one of Orlando's premier resorts.

Secure your spot now, and register today

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Rooms will go fast, book your room today

BOOK YOUR ROOM



Winter Meeting Sponsors

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IPMI 50 WINTER MEETING AGENDA

Day 1 — SECAM

Monday, March 1, 2027
Security and Responsible Sourcing

8:00 AM
Breakfast
Sponsored by Metalor

8:45 AM
Welcome and Opening Remarks

9:00 AM
IPMI Initiative to Combat Third-Party Carrier Shipment Theft

9:30 AM
Precious Metals Shipment Thefts in the United States

10:00 AM
Fraud Crimes in the Precious Metals Industry

10:30 AM
Break and Networking
Sponsorship is Available

10:45 AM
Protecting Your Organization and Managing Shipment Loss Claims

- Information, Collaboration and Contact Outreach Session
- Intelligent Video Technology and Security Analytics
- Data Sharing and Analytics: Turning Information into Action
- Law Enforcement Outreach

12:00 PM
Lunch
Sponsored by Brinks

1:30 PM
LPPM and LBMA Latest Guidance Update

2:30–3:00 PM
Recent Changes in U.S. Customs and International Trade Enforcement for Precious Metals Dealers

3:00–3:15 PM
Coffee Break
Sponsored by Dowa

3:15–4:30 PM
AML and Responsible Sourcing Panel Discussion

4:30 PM
Networking Time

6:00 PM
IPMI Reception
Sponsored by Sabin Metal

8:00–9:30 PM
IPMI Monday Night Sweets, Spirits & Music
Sponsorship is Available

Day 2 — PGM Refining Day

Tuesday, March 2, 2027
Day Sponsor: Hensel Recycling

8:00 AM
Breakfast
Sponsorship is Available

8:45–10:30 AM
Opening Remarks • PGM Market Update and Outlook

10:30–10:45 AM
Coffee and Networking Break
Sponsorship is Available

10:45 AM–12:15 PM
Refining and Recycling – Navigating a Changing PGM Landscape

12:15–1:30 PM
Lunch and Networking
Sponsored by Metalor

1:30–3:00 PM
Technology and Innovation – The Future of PGM Recovery and Refining

3:00–3:15 PM
Coffee and Networking Break
Sponsored by BASF (Metivo)

3:15–4:30 PM
Looking Back, Looking Forward – The Future of the PGM Industry

4:30 PM
Networking Time

6:00 PM
IPMI Reception
Sponsored by BASF (Metivo)

8:00 PM
The IPMI Coffee House – Open Bar and Dessert
Sponsorship is Available

Day 3 — Gold and Silver Day

Wednesday, March 3, 2027
Day Sponsor: Sims Precious Metals

8:00 AM
Breakfast
Sponsorship is Available

8:45 AM
Welcome and Opening Remarks

9:00 AM
Gold and Silver Market Overview

9:30 AM
Trading and Financing – The Operational Impact of High Prices

10:30 AM
Morning Break
Sponsorship is Available

10:45 AM
Gold Demand Opportunities and Growth

11:30 AM
Changing Landscape in Gold Refining

12:15 PM
Lunch and Networking
Sponsored by Techemet

1:30 PM
Silver Demand Opportunities and Growth

2:15 PM
Technology Impact on Gold and Silver

3:00 PM
Winter Meeting Concludes

3:00–5:00 PM
Optional Winter Meeting Social Event
Sponsorship is Available

Celebrating 50 Years

IPMI 50

Connect • Learn • Build Relationships

2026 is Our Golden Jubilee

IPMI 50th Logo Presentation is now live

For fifty years, IPMI's iconic networking ring has represented **Connection** across the precious metals world. Our Golden Jubilee mark builds on that legacy, and the full story is now available in a short presentation.

You will also see how this anniversary reflects what IPMI stands for: **Connect • Learn • Build Relationships,** alongside the Foundation mission of **Advancing Precious Metals Education.**

Visit: https://www.ipmi.org/50th/ipmi-50th-logo-presentation

A record attendance combined with a packed and innovative program made this year's Sampling and Analytical Symposium the best ever. Held at the scenic campus of Colorado School of Mines, the organizers, Algis Naujokas of Sabin Metal and Stacey Stantolli of BASF presidesd over a variety of topics including Laboratory Safety, the Role of an Inspector Certification in Precious Metal Representation, Before the Assay; Decisions for Defensible Precious Metal Sampling and Comparison of EO Catalyst Methods. This year a panel discussion was added culminating into attendee input.

Attendees enjoyed a Meet and Greet at Table Mountain Inn as well as a dinner at Fossil Creek Country Club and A Mine Tour at Edgar Experimental Mine.

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A new chapter for recycling

Sustainable Solutions Now

We are excited to share an important milestone in our journey of growth and innovation. Following the acquisitions of Reldan in March 2024 and Metallix in September 2025, the two respected leaders in precious metal recycling and refining will be unified as the Sibanye-Stillwater Group's recycling business.

This consolidation combines the shared strengths of both companies and progresses our ambition to lead the precious metal recycling and refining sector on a larger scale. Together, we are creating a future defined by collaboration, innovation, and sustainability.

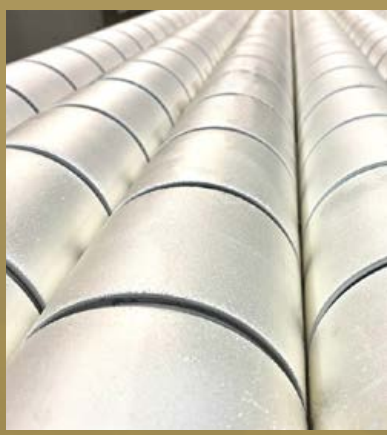
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IPMI 50

NEW ENGLAND CHAPTER

SAVE THE DATE

Thursday, November 12, 2026

IPMI New England cordially invites you to join us for an End-of-Year Celebration and Pre-Holiday Gathering

Location: Iron Works Tavern (upstairs)
697 Jefferson Boulevard
Warwick, RI 02886
Time: 5:30 pm – 9:00 pm

Appetizers, dinner, friends, and holiday cheer!

As the year winds down, we would like to thank our members for their continued support and contributions to our organization.

Please join us for an informal gathering featuring appetizers and dinner fare, and share holiday cheer with your friends as we celebrate the season and reflect on another successful year together in New England.

Reservations must be received by **Friday, November 6th, 2026**.
Save your spot!

To make your reservation, please contact Donna Kiesel:
By Phone: # 401-463-5550 x1121
By Email: DonnaKiesel@gannon-scott.com

When making your reservation, please provide the following information: Name(s), Company, Email, & Number of Guests

We look forward to celebrating with you and extending our sincere appreciation for your support throughout the year.

Access IPMI NE Website
Send Email to RSVP

IPMI NE CHAPTER SITE **REGISTER VIA EMAIL**

GANNON & SCOTT

The Gannon & Scott Team is Growing: Welcome, Nelson R. Castellanos, Regional Account Executive



Cranston, RI (October 26, 2026) – With extensive experience in precious metal refining and related sectors, Gannon & Scott is pleased to announce the addition of Nelson R. Castellanos to its team as a Regional Account Executive.

With a career in both the technical and commercial sides of the industry, Castellanos offers a unique perspective. He began his career right inside the refinery, where he gained firsthand knowledge and a solid foundation in the processes and developed an appreciation for the importance of vault security, inventory control, and accountability.

Throughout his career, Nelson has worked with a wide range of precious metal-bearing materials and applications, including automotive, industrial, chemical, and pharmaceutical catalysts, as well as fuel cell and hydrogen technologies. He has developed a deep understanding of the technical considerations that determine the viability of refining opportunities and the needs of customers across these industries.
At Gannon & Scott, Nelson will focus on business development, strengthening customer relationships, identifying new material streams, and expanding opportunities in established and emerging markets. “My goal is to understand where those markets are heading and make sure Gannon & Scott is positioned to capture opportunities,” Nelson shared. “I want to help create relationships and programs that continue to grow over time.”

This forward-thinking perspective aligns with Gannon & Scott and their role within the Metalor and TANAKA Group. “The relationship and collaboration between Gannon & Scott and Metalor are especially exciting to me because it brings together complementary strengths, capabilities, and experience,” Nelson commented.
“Bringing Nelson’s depth of understanding of the various markets and material solutions for businesses is a real advantage. He knows this business, understands our customers, and brings a mindset that will be incredibly valuable as we continue to grow.” - John Antonacci, VP of Sales & Marketing

Nelson believes Gannon & Scott’s capabilities, people, and position in the industry provide a strong platform for growth. “For me, that’s the ideal situation: joining a company with a strong foundation while still having the opportunity to help shape what comes next,” Nelson stated.

If Nelson is not talking about precious metals, he is talking about sports or training. Outside of work, Nelson enjoys spending time with his family, boxing, strength training, being outdoors, and anything involving cars.
In the near future, Nelson aims to understand the company’s operations, foster relationships, and begin delivering results. He is enthusiastic to collaborate with the team and believes, “The best teams ask questions, challenge assumptions, and are open to saying, ‘There may be a better way to do this.’ A bit of humor also contributes to building a successful team too.”

Welcome aboard, Nelson! Happy to have you on the team.

About Gannon & Scott:
Gannon & Scott is a leading precious metals refiner and provider of advanced materials processing services. The company specializes in the recovery of gold, silver, platinum, and palladium from a wide range of industrial and consumer materials, including electronic scrap, jewelry, and dental alloys. Founded in 1919, Gannon & Scott is headquartered in Rhode Island and serves customers throughout North America and beyond.

Contact:
Gannon & Scott
1-800-556-7296
info@gannon-scott.com
www.gannon-scott.com



IPMI Internship Program

As you know, our Foundation has an extensive awards program for PhD-level students. We would also like to bring to your attention our internship program for undergraduate students. The program focuses primarily on chemical engineering and chemistry students, but it is open to students from all academic disciplines.

Each year, up to two of our member companies may apply to participate in the program. We assist participating companies with recruitment, but the final hiring decision remains with the company. Students selected for the program may receive up to a $10,000 internship award from our Foundation's Endowment, sponsored by FideliTrade Inc.

Upon successfully completing the internship assignment, the student will receive a $5,000 Intern Award, which will be presented at the Annual Conference. The student may also receive up to an additional $5,000 in educational assistance. To qualify for this assistance, the student must provide evidence of tuition expenses and/or student loans. The hiring company is responsible for paying the student during the internship.

One of the greatest potential benefits of the program is the opportunity for the student to be hired by the participating company after graduation. We generally seek students in their junior year so that the company may have the opportunity to offer them two separate assignments. However, sophomores and seniors may also be considered.

Another benefit is that the student will be invited to attend our Annual Conference, which is typically attended by more than 500 industry professionals representing every aspect of the precious metals industry. The intern will join the seven or eight PhD student award recipients who also attend the conference. The student will also present a paper at the conference describing the work completed during the internship.

Complimentary conference registration and hotel accommodations will be provided by IPMI. The hiring company will reimburse the student for travel expenses.

This is a relatively new program and has typically been offered as a summer internship. However, some of our member companies are open to longer assignments, such as those available through co-op programs in which students attend school for six months and then work for six months.

If you are interested in applying to host a student intern for this year's program,
please contact Larry Drummond at ljd@ipmi.org.

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TANAKA TANAKA PRECIOUS METALS NAGOYA UNIVERSITY

PRESS RELEASE

TANAKA Develops Lead-Free Precious Metal Quantum Dot Material for Near-Infrared and Short-Wave Infrared Sensing Through Joint Research with Nagoya University

Suitable for a Broad Range of Infrared Sensing Applications, from Smartphones to Biomedical Uses, with Samples Available from January 2027

Tokyo, Japan, October 20, 2026 - TANAKA PRECIOUS METAL TECHNOLOGIES Co., Ltd. (Head Office: Chuo-ku, Tokyo; CEO: Koichiro Tanaka), a company engaged in the industrial precious metals business of TANAKA, has developed **a lead-free precious metal quantum dot material responsive to near-infrared light** through joint research with the Torimoto Laboratory at Nagoya University, Tokai National Higher Education and Research System. The new material offers a detection wavelength range comparable to that of conventional lead-based quantum dot materials while containing neither lead (Pb) nor cadmium (Cd). This makes the material promising for use in consumer electronics such as smartphones and in medical fields such as biosensing. Samples are scheduled to become available in January 2027.

This material will be presented at Okinawa Colloids 2026, an international conference to be held in Okinawa from November 1 to 6, 2026, and at nano tech 2026: The 26th International Nanotechnology Exhibition & Conference, to be held from December 16 to 18, 2026.



<Photograph of Precious Metal Quantum Dot Products>

■ Background to Development

Infrared sensing technologies are increasingly being applied in a wide range of fields, including 3D sensing and wearable devices, facial recognition on smartphones, industrial inspection cameras, automotive LiDAR, and biosensing. These infrared sensing applications rely on photodetector materials that are sensitive to infrared light.

For these applications, indium gallium arsenide (InGaAs) has conventionally been used as the primary photodetector material. Although it can detect infrared light at wavelengths of up to 1,700 nm with high sensitivity, its manufacturing process is complex, involving the use of vacuum processes, and yield and

cost during mass production remain challenges. Demand for indium (In), meanwhile, has recently been growing rapidly in cutting-edge fields such as next-generation high-speed communication semiconductors for AI data centers, perovskite solar cells, and smartphone displays. However, indium production is limited relative to demand, raising concerns about stable supply.

In contrast, quantum dot materials (semiconductor nanoparticles) made from lead sulfide (PbS) are being explored as an alternative to conventional InGaAs for infrared photodetection. These materials can be produced at low cost using printing processes while providing high sensing performance.

Quantum dots are semiconductor particles several nanometers in size. Their distinctive feature is that the wavelengths of light they absorb and emit can be adjusted by controlling particle size. When integrated into sensors, they can also be deposited using printing processes suitable for large-area production. Sensors can therefore reportedly be manufactured at approximately one-tenth the cost of InGaAs sensors. However, PbS, a representative quantum dot material, contains lead, a substance regulated under the RoHS Directive, and its use in consumer electronics is therefore restricted. These restrictions reflect concerns over the effects of lead on human health and the environment.

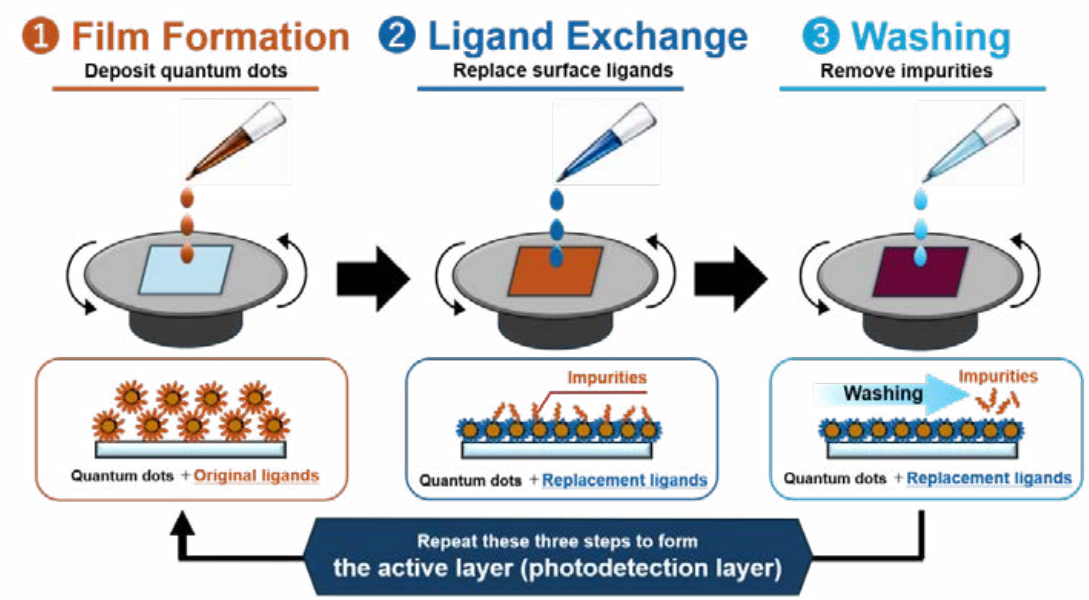
To address these challenges, TANAKA and Nagoya University have developed a next-generation lead-free quantum dot material composed primarily of precious metals.

■ Features of the Precious Metal Quantum Dot Material Developed by TANAKA

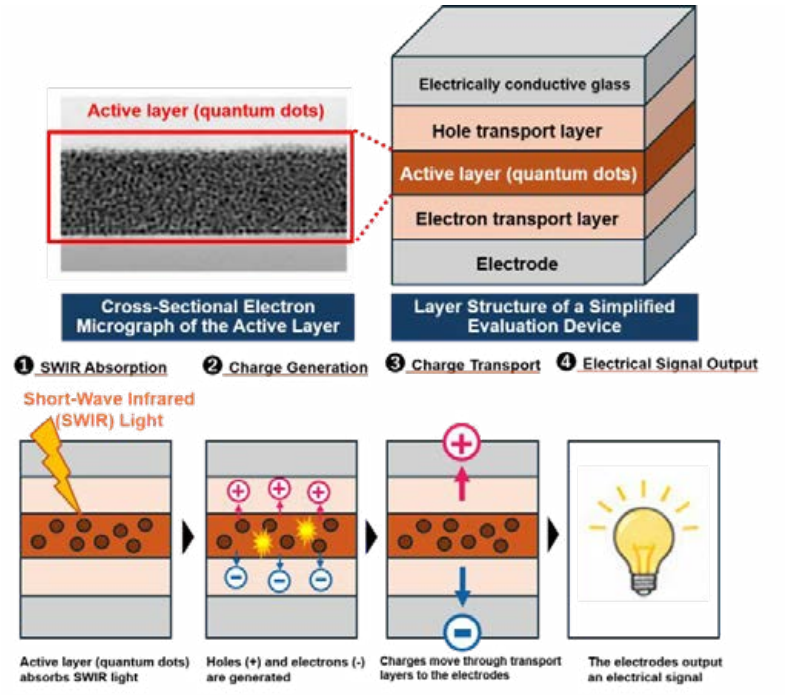
Developed by TANAKA through joint research with Professor Torimoto of Nagoya University, this compound semiconductor quantum dot material is composed primarily of precious metals and is sensitive to infrared light. Like other quantum dot materials such as PbS, it requires no vacuum process and can be deposited using printing processes suitable for large-area production. It is therefore expected to simplify the manufacturing process and reduce process costs.

In performance evaluations conducted by TANAKA, the newly developed silver-sulfur-tellurium (Ag-S-Te) quantum dots were incorporated as the active layer (photodetection layer) in a simple photosensor, which achieved a maximum external quantum efficiency (EQE) of 18.4% for short-wave infrared (SWIR) light in the 1,200–1,700 nm wavelength range. This wavelength range is less susceptible to noise from sunlight and the effects of adverse weather, enabling high-precision sensing outdoors. Light in this wavelength range also offers greater eye safety and readily penetrates materials and biological tissue.

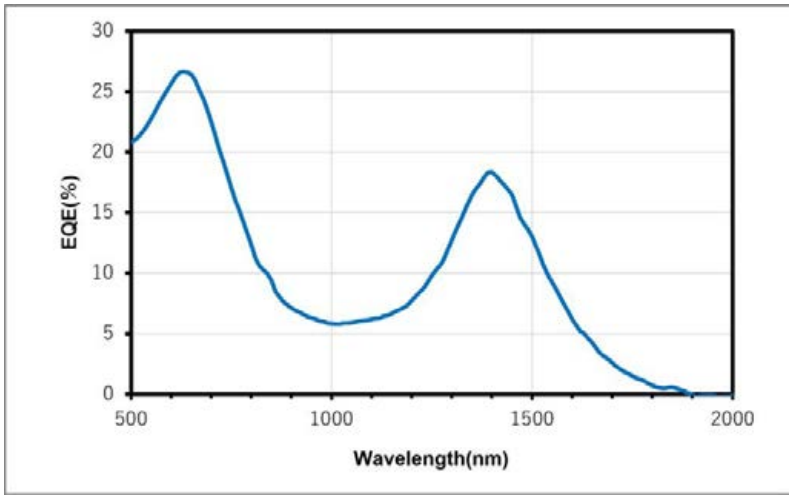
This development is expected to enable practical applications across a wide range of fields where the adoption of high-performance infrared sensors has previously been limited by cost and lead restrictions. These include consumer electronics such as smartphones (3D sensing for facial recognition and other functions), automotive LiDAR, industrial inspection cameras, and biosensing.



a) Schematic of the process for forming an Ag-S-Te active layer (photodetection layer) by printing



b) Cross-sectional electron microscope image of the stacked quantum dot material and layer structure of a simplified evaluation device



c) Wavelength dependence of external quantum efficiency (EQE) under irradiation with visible to short-wave infrared light

In addition to photodetector materials for SWIR sensing, TANAKA is developing luminescent materials for infrared applications using highly biocompatible elements. This quantum dot material can be applied to targeted imaging, in which specific lesions or cells are made to emit light for high-precision visualization. Because precious metal quantum dot materials contain no hazardous substances with high toxicity to living organisms, such as lead or cadmium, they also show promise for biomedical applications.

■ Quantum Dot Material Customization and Recycling Technologies

Through joint research with Nagoya University, TANAKA has been developing technologies for controlling quantum dot material composition and particle size and for modifying particle surfaces. By using these technologies, TANAKA will offer optimal quantum dot materials tailored to customer requirements and applications, including customized optical properties such as light absorption and emission and improved process compatibility.

In addition, although precious metals are used as the primary components of this quantum dot material, TANAKA's long-established precious metal recycling technologies will help reduce material costs. By recovering and refining precious metals from scrap generated during manufacturing and from used samples following customer evaluation and testing, TANAKA will help reduce initial evaluation costs during introduction and optimize operating costs during mass production.

■ Future Outlook

This development will help realize safe and sustainable next-generation sensing technologies by providing a material that does not use indium, for which supply constraints are a concern, or lead, which is regulated under the RoHS Directive, and is expected to be well suited to mass production through printing processes. Drawing on its long-established precious metal materials technologies, TANAKA will continue improving the performance of precious metal quantum dot materials and developing applications, while pursuing real-world implementation in fields ranging from next-generation sensing to biomedical applications.

【About Nagoya University】

Nagoya University is a comprehensive university with a history spanning more than 150 years, tracing its roots to a temporary hospital and school established in 1871. Under its tradition of a "free and open-minded" academic culture, the university advances education and research at the highest global standards. Through sustained creative activities in research and education, the university pursues its mission of cultivating courageous intellectuals, strengthening its academic foundations, generating world-class intellectual achievements, and contributing to society.

For more information, please visit https://en.nagoya-u.ac.jp/

■ About TANAKA

Since its foundation in 1885, TANAKA has built a portfolio of products to support a diversified range of business uses focused on precious metals. TANAKA is a leader in Japan regarding the volume of precious metals it handles. Over many years, TANAKA has manufactured and sold precious metal products for industry and provided precious metals in such forms as jewelry and assets. As precious metals specialists, all Group companies in Japan and worldwide collaborate on manufacturing, sales, and technology development to offer a full range of products and services.

With 5,778 employees, the group's consolidated net sales for the fiscal year ended December 2025 were 1,097,813 million yen.

■ TANAKA Industrial Precious Metal Materials Portal

https://tanaka-preciousmetals.com

■ Product inquiries

TANAKA PRECIOUS METAL TECHNOLOGIES Co., Ltd.

https://tanaka-preciousmetals.com/en/inquiries-on-industrial-products/

■ Press inquiries

TANAKA PRECIOUS METAL GROUP Co., Ltd.

https://tanaka-preciousmetals.com/en/inquiries-for-media/



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PRECIOUS METALS NEWS

GOLD NEWS



Gold slips on higher oil; markets assess Warsh comments after Fed holds rates steady

Gold prices fell on Wednesday as higher oil weighed on sentiment, while market participants assessed comments from U.S. Federal Reserve Chair man Kevin Warsh after the central bank held benchmark interest rates steady.

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Antibody-Coated Gold Nanorods Erase Breast Tumors in Mice Under Near-Infrared Light

Researchers have built a single gold nanorod particle that does four jobs at once: it homes in on HER2-positive breast cancer cells, glows for near-infrared imaging, heats up under laser light to cook tumor tissue

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Up to USD 700 billion in new demand: World Gold Council pushes blockchain-based gold - Shanghai Metals Market (SMM)

An untapped market opportunity of up to $700 billion: According to calculations by the World Gold Council, the digital tokenization of physical gold using modern blockchain infrastructure could trigger a significant wave of demand.

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Agnico Eagle beats earnings expectations as higher gold prices offset rising mining costs

The precious metals mining sector continues to defy expectations as Canada's largest gold producer reports better-than-expected earnings

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SILVER NEWS



Silver could see further losses against gold as physical market weakens - Metals Focus

Gold and silver continue to struggle in the face of persistent inflation pressures and higher bond yields, but while gold has managed to hold critical support around $4,000 an ounce

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The Silver news – October 2026

The Silver Institute is pleased to announce that the October 2026 Silver News is now available online. Please click below for the latest edition of Silver News.

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The AI Boom Needs This Critical Metal

In November of last year, the United States Geological Survey added silver to the official U.S. Critical Minerals List. And with good reason.

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Silver-boosted MOF–COF photocatalyst turns nitroarenes into pyrroles

Chemists have built a hybrid photocatalyst that combines a metal-organic framework, a covalent triazine framework, and silver nanoparticles into a single material capable of driving a multi-step organic synthesis

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PLATINUM GROUP METALS



Why the Polarization Despite Being the Same PGM? The Truth Behind Low Platinum and High Iridium

Why do platinum and palladium decline while iridium and ruthenium go up despite being part of the platinum group?

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UBS Lowers Palladium Price Forecast to $1,100 as Investor Positioning Weakens

UBS has reduced its palladium price forecast to approximately $1,100/Toz over the next 12 months, citing changes in investor positioning and options market sentiment.

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Palladium breaks $1,000; Platinum falls below $1,500: What happens next?

Palladium has fallen below 1000, entering territory we identified as a key potential support area more than a week ago. Platinum, meanwhile, has fallen below 1500 after buyers failed to turn an earlier recovery attempt into a convincing reversal.

READ MORE



PGM projects in the spotlight as Valterra's production falls - Mining.com.au

Valterra Platinum's refined PGM production fell -41% YoY to 576,900 Toz across its South Africa and Zimbabwe operations in the September quarter.

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E-WASTE & PRECIOUS METALS RECYCLING RELATED



E-scrap companies should be poised for progress - Resource Recycling

The industry is poised for tremendous growth through the rest of this decade, he said. E-scrap generation globally is expected to surge from 62 Mt/year now to 82 Mt by 2030

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TANAKA and MEP to Establish "TANAKA MEP REFINERY SDN. BHD." a Precious Metal Refining Joint Venture in Malaysia

TANAKA and MEP entered into a technical assistance agreement for precious metal recovery in August 2024 and have since worked together to advance precious metal recycling in Malaysia

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Nearly 5 million US solar panels could hit retirement by 2030, creating a strategic materials supply

The International Energy Agency projects that in 2030, about 50,000 tons of crystalline-silicon modules — ~5 million panels, or roughly 1 gigawatt — will reach end of life in the United States.

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Solar Panel Waste Could Reach 402 Million Tons by 2060

The rapid expansion of solar energy is creating a new environmental challenge: the fate of photovoltaic panels as they reach the end of their useful life.

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- US EPA permitted RCRA facilities & equivalent agency facility-permits in Germany & Taiwan;
- Operations in full compliance with applicable domestic & international laws & regulations;
- Conserving energy & using 100% renewable power and offsets for all operational and facility needs;
- Global carbon neutral operations and acclaimed LEED-Silver facility building design;
- Serving the entire PM/PGM and industrial supply chain in the global circle economy from primary industrial processing through to the advanced manufacturing sector, all.....

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SEMICONDUCTOR, EV, FUEL CELL, AI RELATED



AI data center spending drives growth in semiconductor market

AI data center spending will make up more than half of all semiconductor revenue in the next four years, up from 36.5% in 2026, according to a Gartner forecast published Monday.

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You Probably Forget How Cheap Memory Used To Be – And Is Not So Now

Look at that memory and flash crash back in late 2022 and in early 2023, when GenAI ironically was just getting started.

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Deep insight || Decoding Natural Gas Power for Data Centers

On October 15, Venture Global signed a framework agreement for up to 16 island-mode generator sets rated at 720 MW each, intended to support up to 10 GW of future computing capacity.

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Data Centres Are Setting Sail. The Next Wave Has Begun

For more than 50 years, the shipping industry has built some of the most complex engineered structures on Earth. Vessels the length of four football pitches.

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Fuel Cell / H2 NEWS



Atomic engineering produces hydrogen catalyst that lasts 3,000 hours

Korean researchers have developed a new platinum-nickel catalyst that can operate continuously for 3,000 hours while maintaining almost all of its performance

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Low-carbon hydrogen: off-take contracts covering < 5% of the capacity announced by 2035

Globally, 0.5 Mt per annum (Mtpa) of capacity came on stream in 2025, bringing total operational capacity to 1.2 Mtpa at the start of 2026, whilst a further 1.1 Mtpa is under construction.

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Phelan Green electro-sustainable aviation fuel project, South Africa

Project entails the development of a commercial-scale electro-sustainable aviation fuel (eSAF) facility.

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Plug Power Cancels 100 MW Antwerp Plant

Plug Power has written off €13.6 million and halted its planned 100 MW CHYMIA electrolyzer plant at the Port of Antwerp-Bruges, underscoring financial and market hurdles in scaling green hydrogen production in Europe.

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OTHER PRECIOUS METALS NEWS



Artisanal and small-scale gold mining: a vital source of gold supply

Artisanal and small-scale gold mining is a significant – and growing – part of the global gold market, but one that is difficult to measure and often takes place outside of legal frameworks

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New method can quickly recycle (antimony from) electronic waste - Futurity

Many electronic devices use flame-retardant plastic as casing in order to reduce the risk of electrical fires. This plastic is formulated using a metal called antimony along with organic bromide compounds.

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Apple looks to spark growth of e-scrap recycling - Resource Recycling

Apple designed Cora to enhance material liberation (detachment) and separation (sorting), Tere said. A single-cutter rotor acts like teeth, breaking down materials more thoroughly and quickly than standard shredders.

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Acid-free molten salt method recovers 94% of silver from solar cells - pv magazine Global

Researchers in China have recovered 94.34% of the silver from crystalline silicon solar cells using an acid-free molten salt process that detaches the silver as metal, and have identified how to control silicon loss during treatment.

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IPMI 50

2026 UPCOMING EVENTS



New England Chapter End-of-Year Celebration

Thursday, November 12, 2026
Iron Works Tavern
Warwick, Rhode Island

REGISTER



2026 EC IPMI Annual Conference

15th to 17th November 2026
Athens Marriott Hotel
Athens Greece

SOLD OUT

2027 UPCOMING EVENTS



2027 Legislative and Regulatory Affairs

January 26 & 27, 2027 (CST)
Army & Navy Club
Washington D.C.

REGISTER



IPMI Winter Meeting

March 1-3, 2027
Disney's Coronado Springs Resort
Orlando, Florida

REGISTER



IPMI 51st Annual Conference

June 12-15, 2027
The Phoenician Resort
Scottsdale, Arizona



IPMI Platinum Dinner

September 16, 2027
Intercontinental Barclay
New York City, New York



Sampling and Analytical Committee Symposium VII

October 2027
The Colorado School of Mines
Golden, Colorado

2027-31 UPCOMING EVENTS



European Chapter of the IPMI Annual Seminar

14th to 16th November 2027
Sheraton Lisboa Hotel & Spa
Lisbon, Portugal



IPMI 52nd Annual Conference

June 10-13, 2028
JW Marriott Bonnet Creek
Orlando, Florida



IPMI 53rd Annual Conference

June 9-12, 2029
The Phoenician Resort
Scottsdale, Arizona



IPMI 54th Annual Conference

June 8-11, 2030
JW Marriott Bonnet Creek
Orlando, Florida



IPMI 55th Annual Conference

June 2031
The Phoenician Resort
Scottsdale, Arizona