

10TH ANNUAL PLATINUM DINNER

PLUS

Info on the
SAC Symposium

Coming Up In October

AND

Latest Industry News







10th Annual Platinum Dinner

Sep 14, 2023

18:00 - 22:00 (GMT-4)

InterContinental New York Barclay
East 48th Street 111
New York
United States

FEATURED SPEAKER:

Michael Lockwood

**Risky Business: The Slippery Slope of Mismanagement
of your PGMs and Other Metals**

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Michael Lockwood

Partner, The Metals Risk Team

An industrial price risk expert with decades of applied metals industry experience. During my career I have directed and advised mines, smelters, refiners, processors, end users, recyclers and traders about managing metal price risk around the world.



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- Safety Committee participation. An active and effective safety committee contributes to fewer workplace accidents and injuries.



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NEW ENGLAND CHAPTER

SAVE THE DATE!

Wednesday, September 6th, 2023

IPMI New England cordially invites you to a "Summer Brew Social" at:

The Guild Brewing Co. (The Barn)
461 Main Street
Pawtucket, RI 02860

5:00PM - 9:00PM



RESERVATIONS ARE REQUIRED

RESERVE YOUR SPOT NOW

Save the Date!

Wednesday, September 6th, 2023

IPMI New England cordially invites you to a "**Summer Brew Social**" at:

The Guild Brewing Co. (The Barn)
461 Main Street
Pawtucket, RI 02860
TIME: 5:00PM - 9:00PM

Join in on the fun!

Appetizers and light fare will be served in an open, relaxed setting to unwind and chat.

We will have lots of food and fun!
Reservations are required.

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Email: DonnaKiesel@gannon-scott.com
or call: 401-463-5550, Ext. 1121



IPMI SAC Symposium III - Colorado School of Mines

Oct 15-18, 2023 (GMT-5)

Illinois Street 1500 • Golden, Colorado • United States

Do You Want To:

- Take a deep dive into sampling theory, applications and future trends with some of the top experts in the field
- Hear about the latest advances in techniques for the fire assay of precious metals
- Discuss the analytical strategies for critical metals key to the hydrogen economy
- Learn various techniques of precious metal sampling and analysis
- Learn about the revolutionary advances in spectroscopy
- Hear how experienced third party representation can protect your valuable assets
- Network with colleagues in the precious metal industry

If so, click on the link below to find out how you can become a part of this unique event!

Preliminary Agenda (*more to come!*)

Sunday, October 15th, 6:30 pm

- Meet and Greet reception at the Table Mountain Inn

Monday, October 16th

- SAC Committee Updates and Round Robin Discussion

Session A: A Focus on Sampling

- Presentations on aspects of sampling precious metal containing materials.
- Interactive sampling workshop
- Presentation by Dr. Francis Pitard, sampling consultant
- Late afternoon networking and/or college tour
- Dinner banquet at Fossil Trace Golf Club

Tuesday, October 17th

Session B: Analytical Methodology and Practices

- An in-depth discussion of fire assay practice and research
- A look into traditional and novel wet chemical methods
- The latest in Instrumental methods and equipment
- Late afternoon networking and brewery tour and tasting

Wednesday, October 18th

- Experimental Mine Tour
- Afternoon golf at Fossil Trace Golf Club

IPMI Precious Metal Sampling, Assay and Representation Symposium

Come join us in the beautiful foothills of the Rocky Mountains for a day filled with informative presentations, lively discussion and time for networking.



Guest speaker:
Francis Pitard

Dr. Pitard's short course on [Sampling Theory, Sampling Practices, and Their Economic Impact](#) will be the week before the symposium on October 9 - 13, 2023 at the School of Mines, come on out early and make it a great week of education, discussion and networking!

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The
Women of
Precious Metals

Anna Marchisio

Business Development Manager, Hensel Recycling



Anna Marchisio is always on the lookout for new types of materials containing precious metals that Hensel Recycling could add to its portfolio. “The auto catalyst is a discontinued model in the medium term and so we are striving to position ourselves more broadly. The EU-funded BEST4Hy research project, for example, is our entry into fuel cell recycling,” says the business development manager. In addition to researching new materials, she is also thinking about which services could be beneficial for customers: Re-use, refurbishing, reverse logistics are just a few approaches she is considering. Anna Marchisio is a

networker through and through. She establishes and maintains contacts with research institutions and industrial companies and is present at trade fairs and congresses. Anna has been a member of the WiPGMs association since its foundation and is part of the European Chapter Board. Her communicative nature and ability to speak five languages fluently serve her well. “I love the variety in my job, where I can interact with many people and have the opportunity to contribute to the important topic of the energy transition in the broadest sense”.

The Italian, who has found a second home in Germany, is also committed to good working and

promotion conditions for women in industry. “I like to support initiatives that initiate a cultural change. Women’s potential should be lifted and even if it’s a long process, I believe that the message will gradually reach the management floors.” Whether it is sales, laboratory or production, the precious metals industry offers a wide range of opportunities for women with commitment and creativity. Therefore, Anna Marchisio recommends taking advantage of the networking and further education opportunities in the relevant associations and positioning oneself as an expert in the networks. Her credo: “Each of us can become a role model. Let’s do it!”

TANAKA Memorial Foundation to Offer Precious Metals Research Grants of Up to 10 Million Yen (from a Grant Pool of 20 Million Yen) – Applications for Research Projects Open on September 4

This year, the new “Umekichi Tanaka Award” of 10 million yen will be offered to Japanese educational institutions and public research institutes

Closing November 30, applications will be accepted for research projects that will bring about innovative evolution in new technology and product development in the area of precious metals

The TANAKA Memorial Foundation (Representative Director: Hideya Okamoto) announced that it will take applications for research themes for FY2023 Precious Metals Research Grants between September 4 (Mon) and November 30 (Thu). Applications for the grants are open to Japanese educational institutions and public research institutes conducting research and development that will bring about innovative evolution in new research and development, and product development, in the area of precious metals.

In this 25th year of the research grant, recipients will receive a total of 20 million yen in research grants, including the new Umekichi Tanaka Award of 10 million yen, which is the maximum amount offered. Named after company founder Umekichi Tanaka, who strove to expand industrial use of precious metals, the Umekichi Tanaka Award is offered this year to commemorate the 25th anniversary of these Precious Metals Research Grants. Names of the other awards were also changed with the aim of making the grant program more appealing.

Applications can be submitted using the application form on the TANAKA Memorial Foundation website (<https://tanaka-foundation.or.jp>), and, after strict examination, award recipients will be announced at the end of March 2024.

The TANAKA Memorial Foundation aims to contribute to the development and cultivation of new fields for precious metals and to the development of science, technology, and the social economy by conducting activities that enable more people to experience a prosperous society. This grant program aims to support a range of endeavors that can contribute toward creating a well-balanced and prosperous society even in the distant future.

Last year, two Gold Awards were presented. The first one was for “Modeling of precious metal extraction and separation using Moessbauer spectroscopy parameters and computational chemistry” to develop a computational method for predicting the solvent extraction equilibrium of precious metals. The second one was for “Experiments to achieve microstructure control of precious metal-based high-entropy alloys” to develop innovative metal materials aimed at creating strengthening mechanisms with high thermal stability through the use of microstructure control of precious metal-based high-entropy alloys using two-phase crystal structures and their orientation relationship.

Overview of the 2023 Precious Metals Research Grants

[Theme]

- Themes that involve any of the following: new technologies to which precious metals can make a contribution, research related to precious metals that will bring innovative evolution to products, or research and development of new products using precious metals

[Grant Amounts] (Maximum amounts from a grant pool of 20 million yen)

-Umekichi Tanaka Award (New)	10 million yen
-Gold Award	2 million yen
-Silver Award	1 million yen
-Young Researcher Award	1 million yen
-TANAKA Special Award (Previously Encouragement Award)	300,000 yen

- * The grant amount is treated as a scholarship donation.
- * Awards may not be granted in some cases.
- * The Platinum Award was discontinued from this year.

[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, 2023.

[Application Period]

- 9am, September 4, 2023 (Mon) - 5pm, November 30, 2023 (Thu)

[Application Method]

- Enter the required information on the application form available on the TANAKA Memorial Foundation website (<https://tanaka-foundation.or.jp>) and upload details of the research (papers and supplementary material on the theme).

[Announcement]

- Results will be announced on the TANAKA Memorial Foundation website around the end of March 2024.
- * TANAKA will contact the award recipients directly.

[Conditions]

Research content that falls under any of the following

- New technology related to precious metals (new materials, processing methods, process development, etc.)
- Research that brings about innovative evolution in product development (new functions, process development, computational science, etc.)
- Research and development of new products using precious metals
- Effective technologies for creating a well-balanced and prosperous society
- * 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.

[About Umekichi Tanaka]

After learning his trade at Ejimaya pawn brokerage in Tokyo, company founder, Umekichi Tanaka, opened Ejimaya Tanaka Shoten at Kitajima-cho, Nihonbashi-ku, Tokyo, (now Kayabacho, Nihonbashi, Chuo-ku, Tokyo), which remained the headquarters of TANAKA Kikinzoku Kogyo K.K. until 2006. The company's business originally entailed buying copper coins (one-hundredth of a yen) and nickel coins (five-hundredths of a yen), and exchanging them, in lots of 100 yen, with merchants for a fee. It went on to engage in the bullion trading business, and began melting down foreign gold coins from Yokohama's foreign quarter and other places, and then refining and selling the metal. The technologies developed at this time went on to play a significant role in later industrial use of precious metals.

[Inquiries Concerning the Research Grant Program]

Precious Metals Research Grants Office

Global Marketing / R&D Supervisory Department, TANAKA Kikinzoku Kogyo K.K.

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

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

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

■TANAKA Memorial Foundation

Established: April 1, 2015

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

Representative: Hideya Okamoto Incorporated: 2015

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, Group CEO

Founded: 1885 Incorporated: 1918 Capital: 500 million yen

Employees: 2,539 (March 31, 2023)

Sales: 281,813.9 million yen (FY2022)

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>

<Press Inquiries>

TANAKA Holdings Co., Ltd.

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

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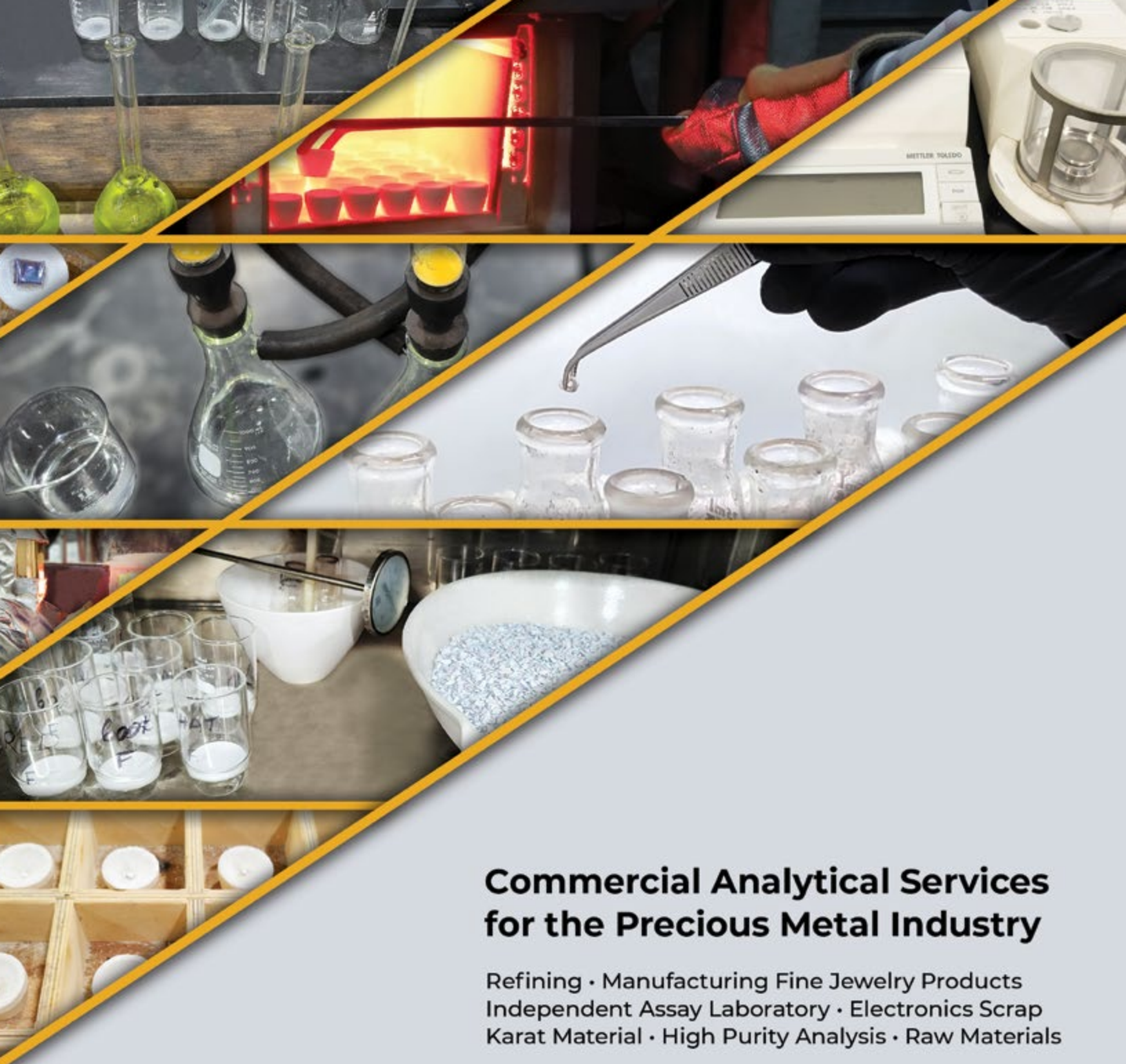
Book your place now and look forward to the many opportunities to network and expand your business interests, while connecting with others within the precious metals industry, including the LBMA Executive.

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15 - 17 OCTOBER

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lbma.org.uk/events



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August 20, 2023
TANAKA Precious Metals
TANAKA Holdings Co., Ltd.

TANAKA Precious Metals Aims to Establish “Global Recycling Network” to Promote Worldwide Recycling of Precious Metals

Ya’an Guangming Paite Precious Metal Co., Ltd. to begin operation in China

TANAKA Kikinzoku Kogyo K.K. (Head office: Chiyoda-ku, Tokyo; Group CEO: Koichiro Tanaka), which develops industrial precious metals products as one of the core companies of TANAKA Precious Metals, announced today that **it is promoting business strategies in each country with the aim of establishing a “Global Recycling Network” to promote the widespread recycling of precious metals.**

TANAKA will encourage the recycling of precious metals in each country at its main recovering and refining bases: Ichikawa Plant and Shonan Plant for Japan and Southeast Asia, Hukou Plant for Taiwan, Marin Plant for Europe, and North Attleborough Plant for North America.

As part of this expansion, Chengdu Guangming Paite Precious Metal Co., Ltd., TANAKA affiliate company in China, will establish a new company, **Ya’an Guangming Paite Precious Metal Co., Ltd.**, in Sichuan Province, China, **which will begin full-scale operations in the summer of 2024 or later.** This new company will manufacture precious metal compounds for various catalysts and plating and will also recover and refine precious metals from production scrap* and used catalysts by introducing TANAKA’s precious metal recycling technology.

Of the approximately 5 billion yen invested in the establishment of Ya’an Guangming Paite Precious Metal, TANAKA Kikinzoku Kogyo will invest 40%.

*Production scrap includes metal fragments, scraps, and waste generated during the manufacturing process.



Background of Precious Metal Recycling Business Development in China

Unlike in other countries and regions, the precious metals business in China should ideally be completely integrated with the recovery and refining of precious metals and the manufacture of industrial precious metals products. Until now, the cooperation between TANAKA Kikinzoku Kogyo and Chengdu Guangming Paite Precious Metal has allowed for limited integration, but some recoverable precious metals are still not being recovered. This new company will introduce the recycling process that TANAKA has cultivated over many years in the precious metal business in Japan to establish a system capable of recovering precious metals that have not been recovered up to now. Through the new company, TANAKA will establish a one-stop precious metal recycling scheme that can be completely integrated within China, further developing its precious metal recycling business.

TANAKA will contribute to sustainability by effectively utilizing limited precious metal resources in various businesses. TANAKA also believes that precious metal recycling will help reduce the use of mined precious metals in industrial products, thereby helping to reduce environmental impact.

Outline of New Company

Company Name	Ya'an Guangming Paite Precious Metal Co., Ltd. (100% investment by Chengdu Guangming Paite Precious Metal Co., Ltd.)
Executive Director	Zhang Shengming
Location	No. 6, Qingjiang Road, Mingshan District, Ya'an City, Sichuan Province
Total Floor Space	Approximately 19,000 sq.m.
Activities	Recovering and refining of precious metals, manufacture and sales of precious metal compounds
Planned Completion of Construction/Start of Operation	Construction is planned to be completed in January 2024, with full-scale operations scheduled to begin summer of 2024



< Ya'an Guangming Paite Precious Metal Co., Ltd. >

About Chengdu Guangming Paite Precious Metal and TANAKA

Chengdu Guangming Paite Precious Metal Co., Ltd. was established in 2008 as a Chinese-foreign joint venture by CDGM Glass Co., Ltd. and Pushan International Co., Ltd. In 2012 it became a joint venture between CDGM Glass and TANAKA Kikinzoku Kogyo following an equity transfer from Pushan International. In 2014 the ownership ratio was changed to 60% for CDGM Glass and 40% for TANAKA Kikinzoku Kogyo. It is engaged in the manufacture and sale of precious metal industry products and the precious metal recycling business in China.

■ About TANAKA Precious Metals

Since its foundation in 1885, TANAKA Precious Metals 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 volumes of precious metals handled. Over the course of many years, TANAKA has not only manufactured and sold precious metal products for industry but also provided precious metals in such forms as jewelry and assets. As precious metals specialists, all Group companies in Japan and around the world collaborate and cooperate on manufacturing, sales, and technology development to offer a full range of products and services. With 5,355 employees, the group's consolidated net sales for the fiscal year ending March 31, 2023, was 680 billion yen.

■ Global industrial business website

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

■ Product inquiries

TANAKA Kikinzoku Kogyo K.K.

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

■ Press inquiries

TANAKA Holdings Co., Ltd.

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

Metals Market News

Platinum Group Metals

The Role of Platinum Group Metals in Clean Energy Technologies

The latest research report provides a complete assessment of the Platinum Group Metals market for the forecast year 2023-2033, which is beneficial for companies regardless of their size and revenue. This survey report covers the major market insights and industry approach towards upcoming years.

<https://www.taiwannews.com.tw/en/news/4985138>

Tanaka builds global precious metals recycling network

Tanaka Holdings Co. Ltd., a Japan-based producer of recycled-content precious metals, says it is actively encouraging the recycling of gold, silver and platinum group metals (PMGs) at its global network of six (and soon to be seven) refineries. Those facilities, Tanaka says, include its North Attleborough plant in Massachusetts, the Marin plant in Switzerland, two facilities in Japan and one each in Singapore and Taiwan. The firm also is in the process of building a new refinery in China's Sichuan province.

<https://www.recyclingtoday.com/news/tanaka-gold-silver-platinum-precious-metals-recycling-china-investment/>

Precious and Powerful: Platinum Group Metals Fueling Global Innovations

The Platinum Group Metals (PGMs) market encompasses a group of precious metals, including platinum, palladium, rhodium, ruthenium, iridium, and osmium. Key takeaways include their diverse applications in industries such as automotive, jewelry, electronics, and catalyst manufacturing. PGMs are known for their rarity, high economic value, and unique properties that make them essential in various industrial processes.

<https://www.taiwannews.com.tw/en/news/4967368>

Precious Metals

Aurubis alleges criminal activity after copper, precious metals invoices manipulated

Hamburg-headquartered metals giant Aurubis says it could face losses totalling hundreds of millions of euros after paying inflated invoices for shipments of copper and precious metals that never reached its warehouses.

<https://www.gtreview.com/news/europe/aurubis-alleges-criminal-activity-after-copper-precious-metals-invoices-manipulated/>

Consequences of Spoofing: Precious Metals Traders Pay a Steep Price

In the 1980s and 1990s, I was a precious metals trader and ran one of the leading bullion banks with offices in London, the U.S., and Asia. In those days, electronic trading had not yet flourished. The markets changed, and a growing number of traders who did not change with the markets have been punished. From the 1980s through 2001, I worked with or traded with some of the traders now sitting in or heading to federal prison. The rules in the precious metals markets changed in 2010, but some of my former colleagues ignored the regulatory shift and are now paying the price.

<https://www.nasdaq.com/articles/consequences-of-spoofing%3A-precious-metals-traders-pay-a-steep-price>

Beyond jewelry: exploring the surprising industrial applications of precious metals

When we think of precious metals, we often associate them with beautiful jewelry. Well, for some people, a safe investment option also comes to mind. But beyond their beautiful appearances, these metals possess remarkable properties that make them essential in modern technology.

<https://www.kitco.com/commentaries/2023-08-31/Beyond-jewelry-exploring-the-surprising-industrial-applications-of-precious-metals.html>

Platinum Group Metals

Platinum group metal sector's woes get worse after prices plummet

What do South Africa's platinum group metal (PGM) sector, China's property market and the National Treasury have in common? Well, 14 August may well be remembered as "Black Monday" in South Africa's PGM sector, when companies saw their share prices tank by as much as 9%. It was the same day that news emerged that China's largest private real estate developer, Country Garden, sought to delay payment on a private bond for the first time. That has serious consequences for the Chinese and hence the global economy and the demand for commodities, including PGMs, at a time when the Asian Tiger is on the prowl for electric vehicles (EVs) that don't need platinum and its close relations.

<https://www.dailymaverick.co.za/article/2023-08-20-platinum-group-metal-sectors-woes-get-worse-after-prices-plummet/>

Neglected metals (and miners) ripe for a return

If you were to compare the cyclical nature of commodities with fashion, the equivalent of skinny jeans – outmoded for the moment – would have to be cobalt. Once all the rage, nowadays Glencore (GLEN) and others are considering holding back supply to raise prices. Other metals commonly mined but trading weakly at the moment, especially compared with highs maintained by copper and gold in recent years, include platinum and palladium, zinc and vanadium.

<https://www.investorchronicle.co.uk/news/2023/08/23/neglected-metals-and-miners-ripe-for-a-return/>

New England Chapter End of Summer Social and Jewelry Awards

Sept. 6-7, 2023
Warwick, RI



Precious Metals

Billion-dollar money laundering probe widens to include precious metals; 24 more suspects named

A wider net has been cast in the \$1 billion money laundering probe, with the Ministry of Law (MinLaw) sending out a notice to dealers of precious metals and stones with the names of 34 individuals who could be linked to suspicious transactions.

<https://www.straitstimes.com/singapore/money-laundering-probe-precious-metal-dealers-given-34-names-to-check-for-suspicious-deals>

Precious Paradox: Unravelling Silver's Deficit Dilemma Amidst Gold's Shine

Silver is often referred to as poor man's gold. It has always been a bridesmaid but never the bride. Silver has often promised to outrun gold, but mainly unable to outperform the yellow metal. In the current year too, the story is much the same.

<https://gjepc.org/solitaire/precious-paradox-unravelling-silvers-deficit-dilemma-amidst-golds-shine/>

The race to mine the moon: How India, Russia, Europe, the US and China are battling it out to mine precious water, helium and metals beneath the lunar surface - estimated to be worth QUADRILLIONS

More than half a century has passed since John F. Kennedy delivered his iconic 'We choose to go to the moon' speech at Rice University. What followed was a titanic space race which captivated the world and saw the US and Soviet Union battle it out to become the first country to put man on another world. Fast forward six decades and history is starting to repeat itself — except this time there are more nations involved and the motive has changed.

<https://www.dailymail.co.uk/sciencetech/article-12452957/The-moon-mining-race-India-Russia-Europe-China-battling-precious-water-helium-metals-beneath-lunar-surface-estimated-worth-QUADRILLIONS.html>



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Metals Market News

Fuel Cells/H2 Economy

Why are commercial vehicle manufacturers switching to hydrogen fuel?

On January 4, 2023, the Union Cabinet passed the National Green Hydrogen Mission that will aid in promoting the hydrogen ecosystem. Following this approval, this mission was incorporated in the Union Budget for FY24 with an allocation of INR 19,744 crore. The following Q&A aims to clear the possible doubts about hydrogen as a fuel for commercial vehicle internal combustion engines.

<https://auto.economictimes.indiatimes.com/news/auto-technology/why-are-commercial-vehicle-manufacturers-switching-to-hydrogen-fuel/103201962>

Wabtec: Hydrogen is the locomotive fuel of the future

As the railroad industry searches for ways to reduce and ultimately eliminate its greenhouse gas emissions, Wabtec sees hydrogen as the locomotive fuel of the future, whether it's burned in internal combustion engines or used to power fuel cells.

<https://www.trains.com/trn/news-reviews/news-wire/wabtec-hydrogen-is-the-locomotive-fuel-of-the-future/>

Direct power generation from methylcyclohexane using solid oxide fuel cells

Methylcyclohexane is very promising as a hydrogen carrier that can safely and efficiently transport and store hydrogen. However, the dehydrogenation process using catalysts has issues due to its durability and large energy loss. Recently, researchers have succeeded in using solid oxide fuel cells to generate electricity directly from methylcyclohexane and recover toluene for reuse. This research is expected to not only reduce energy requirements but also explore new chemical synthesis by fuel cells.

<https://www.sciencedaily.com/releases/2023/08/230829125841.htm>



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The European Chapter of the IPMI will be hosting another annual conference this year in Vienna, Austria.

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Silver

Gold-silver ratio below 80 suggests white metal to outperform gold; silver price may hit ₹90,000 by December: Analysts

The gold-silver ratio has fallen below the 80 level, suggesting that the silver will outperform gold prices going ahead, and will hit the level of ₹90,000 per kg by December 2023, analysts said. The gold-silver ratio was around 85 in the beginning of August, now has come down to around 79.1.

<https://www.livemint.com/market/commodities/goldsilver-ratio-below-80-suggests-white-metal-to-outperform-gold-silver-price-may-hit-rs-90-000-by-december-analysts-11693298974638.html>

Silver Price Forecast: XAG/USD jumps to near \$25 on soft labor demand, US Dollar cracks further

Silver price (XAG/USD) resumes its upside journey and looks set to recapture the psychological resistance of \$25.00 in the early New York session. The white metal strengthens as United States Automatic Data Processing (ADP) reported fresh private employment additions in August were 177K, significantly lower than July's reading of 324K. Investors projected 195K new private payrolls.

<https://www.fxstreet.com/news/silver-price-forecast-xag-usd-jumps-to-near-25-on-soft-labor-demand-us-dollar-cracks-further-202308301326>



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Metals Market News

Precious Metals Mining

Sibanye brings in Chinese partner for Mopani Copper Mines bid

South Africa's Sibanye Stillwater (SSWJ.J) plans to bring in a Chinese investor to form a partnership if it wins its bid to buy Zambia's Mopani Copper Mines, its Chief Executive Neal Froneman told Reuters. The Johannesburg-based precious metals producer is on the shortlist of potential buyers for the copper mines owned by a unit of the Zambian government. The government had expected to have chosen the winning bidder by the end of July.

<https://www.reuters.com/world/africa/sibanye-says-still-race-zambias-mopani-copper-mine-assets-2023-08-29/>

Why VCs are suddenly flocking to mining deals

Mining is a quintessential legacy industry, controlled by a small cohort of entrenched, highly emitting companies like Rio Tinto and BHP. Fledgling companies have struggled to overcome the high costs required to disrupt traditional extractive technologies. It's no wonder that venture investors have historically steered clear of the industry. But, enticed by new innovations, VCs are recognizing the widely acknowledged need for more critical minerals to power the energy transition, from the lithium in electric vehicle batteries to the copper needed to upgrade the electric grid.

<https://finance.yahoo.com/news/why-vcs-suddenly-flocking-mining-050000727.html>

Securing supply chains for rare earths and metals

During their Camp David summit, the leaders of Korea, Japan and the United States agreed to establish a trilateral early warning system (EWS) to stabilize the supply chains of essential materials for key products, including semiconductors.

<https://koreajoongangdaily.joins.com/news/2023-08-29/opinion/columns/Securing-supply-chains-for-rare-earths-and-metals/1857960>



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Metals Market News

E-Waste & Precious Metals Recycle Related

Toxic trash: California's aging hazardous waste sites have troubling safety records

California produces millions of tons of hazardous waste every year – toxic detritus that can leach into groundwater or blow into the air. It's waste that can explode, spark fires, eat through metal containers, destroy ecosystems and sicken people. It's dangerous material that we have come to rely on and ignore – the flammable liquids used to cleanse metal parts before painting, the lead and acid in old car batteries, even the shampoos that can kill fish.

https://santamariatimes.com/news/local/state-and-regional/toxic-trash-california-s-aging-hazardous-waste-sites-have-troubling-safety-records/article_7e9b4204-cc34-54f7-a045-234adc86477a.html

The critical role of AI and robotics in the shift toward urban mining

Earlier this year, the European Commission released the Critical Raw Materials Act which outlines proposed regulations to ensure a secure and sustainable supply of critical raw materials (CRM). These materials are essential for the economy, but are largely reliant on imports from foreign countries. This act reflects a clear direction in developed countries toward urban mining – the extraction of valuable metals and resources directly from electronic waste through recycling processes – as a substitute for traditional mining.

<https://www.recyclingproductnews.com/article/40644/the-critical-role-of-ai-and-robotics-in-the-shift-toward-urban-mining>



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Gold News

BRICS will break the dollar and usher a return to gold - Mises Institute

The U.S.-led West will soon witness the end of the dollar's preeminent position in international trade, and all of fiat will follow, writes Patrick Barron on behalf of The Mises Institute, which endorses the Austrian school of economics in the tradition of Ludwig von Mises.

<https://www.kitco.com/news/2023-08-29/BRICS-will-break-the-dollar-and-usher-a-return-to-gold-Mises-Institute.html>

Gold sees price gains after slightly weaker U.S. data

Gold and silver prices are firmer in early U.S. trading Wednesday, with gold notching a three-week high, in the immediate aftermath of a batch of U.S. economic data that came in a bit weaker than market expectations.

<https://www.kitco.com/news/2023-08-30/Gold-sees-price-gains-after-slightly-weaker-U-S-data.html>

Gold market poised for rally as consumer demand set to pick up

The gold market continues to hold its ground around \$1,950 an ounce and remains in a good position to reignite its long-term bullish uptrend as renewed physical demand injects new momentum into the marketplace, according to one market strategist.

<https://www.kitco.com/news/2023-08-29/Gold-market-poised-for-rally-as-consumer-demand-set-to-pick-up-SSGA-s-Geroge-Milling-Stanley.html>



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Semiconductor Related Articles (impacting Precious Metals electronics):

Mining For Gallium: The Next Step Toward American Semiconductor Supremacy

A little-known metal called gallium has been making headlines since China announced that it was imposing restrictions on its export in retaliation for US export bans on certain semiconductor technologies to China. The Chinese restrictions have now been in force since August 1, 2023 and are a major blow to sourcing the element, since 98% of refined gallium comes from China.

<https://www.forbes.com/sites/saleemali/2023/08/15/sourcing-gallium-for-american-semiconductor-supremacy/?sh=63b2656e3c1f>

India Amends Mining Law to Allow Private Sector Participation in Critical Mineral Exploration

India's Mines and Minerals (Development and Regulation) Amendment Bill, 2023 signals a strategic shift towards leveraging private sector expertise to unlock the country's untapped mineral potential. The bill identifies six minerals, including lithium, as "critical and strategic," previously reserved for government-owned entities.

<https://www.india-briefing.com/news/indias-mines-and-minerals-bill-2023-role-private-sector-exploration-critical-minerals-29284.html/>

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Upcoming Events



New England Chapter End of Summer Social

Wednesday, September 6, 2023

The Guild, Pawtucket, Rhode Island



New England Chapter Jewelry Awards

Thursday, September 7, 2023

TBD



NY Chapter Fall Seminar

Wednesday, September 13, 2023

The Berkeley College, New York, New York



IPMI 10th Annual Platinum Dinner

September 14, 2023

Intercontinental Barclay, NYC

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IPMI SAC Symposium III - Colorado School of Mines

October 15-18, 2023

Golden, Colorado

[REGISTER TODAY](#)

Upcoming Events



IPMI EHS Operations Committee (EHSOC) Global Hybrid Webinar - Complimentary registration for all IPMI members

The EHS event will be a Hybrid Event

October 25, 2023

BASF Iselin, NJ and Online



IPMI New England Chapter Fall Networking Dinner

Fall 2023

Warwick, RI



European Chapter of the IPMI Seminar

November 12-14, 2023

Vienna, Austria

[MORE INFORMATION](#)

Upcoming Events



Legislative and Regulatory Affairs Seminar

January 30-31, 2024

Army Navy Club, Washington.D.C.



IPMI Winter Meetings

February 20-22, 2024

Hyatt Grand Cypress Resort, Orlando, Florida



IPMI 48th Annual Conference

June 8-11, 2024

Hyatt Grand Cypress Resort, Orlando, Florida



IPMI Winter Meetings

February 18-20, 2025

Hyatt Grand Cypress Resort, Orlando, Florida



IPMI 49th Annual Conference

June 7-10, 2025

The Phoenician Resort, Scottsdale, Arizona



IPMI 50th Annual Conference

June 6-9, 2026

Hyatt Grand Cypress Resort, Orlando, Florida