

If this email doesn't display properly you may [view it in your browser](#)

The Titanium Information Group (TIG) is an association of suppliers, design engineers and fabricators of Titanium formed with the intention of promoting the use of Titanium.

Part of your membership benefits of the Titanium Information Group

This month's Market and Technology Watch is the first to be issued in a new PDA-friendly text format, making titanium industry news more accessible to our members. Please note that archive copies of this newsletter and previous issues are still available in through the [TIG website](#).



Titanium Information Group Market and Technology Watch - Issue 115 July 2011

Market News

[New titanium lab helps set Arsenal facility apart >>](#)

With the future of the Rock Island Arsenal's Joint Manufacturing and Technology Center in question, development of a titanium laboratory at the Rock Island Arsenal might help strengthen the case for keeping the facility open. After years of planning, ...

[Pangzhihua Iron and Steel titanium sponge plant enters into trial production >>](#)

Chinese Pangzhihua Iron & Steel's titanium sponge plant with annual capacity of 1.5million tonnes has entered into trial production. The company started the construction of the titanium sponge plant in March, 2009 and it successfully entered into trial ...

[Titanium sponge hits highest since February 2008 >>](#)

Reuters reported that prices of titanium sponge hit the highest since February 2008 on increasing demand from the aerospace industry and tight supply. As per report, titanium sponge rose to USD 11 to USD 13 a kilogram on the European spot market this ...

[See all stories on this topic »](#)

[Titanium centre works towards 20 000 t/y plant as it seeks to create new industry >>](#)

The Council for Scientific and Industrial Research's (CSIR's) two-year-old Titanium Centre of Competence is in a close, global race to commercialise a more cost-effective method of producing titanium metal. This is more important than it may appear, ...

[Toho Titanium to add new ingot making furnace at Yahata >>](#)

Japan Metal Bulletin cited Mr Takeshi Kurushima president of Toho Titanium as saying that the firm expands titanium ingot making capacity at Yahata plant in Kitakyushu by adding electron beam furnace with annual 10000 tonnes of output capacity for ...

[Investing in titanium technology >>](#)

GLOBAL demand for titanium is increasing exponentially yet SA, the world's second-largest producer of titanium dioxide, still has no local beneficiation capacity. It is difficult to quantify the size of the market for titanium. ...

[VSMPO-AVISMA is ready for its financial and economic "take-off" >>](#)

Corporation VSMPO-AVISMA, OJSC, is one of the titanium "pillars" of the domestic and world economy. In the next few years, a number of

Calendar

Events

Next TIG Members' Meeting - TWI, Cambridge, 15th July 2011

Featuring presentations from TecVac and TWI and a tour of TWI.

If you would like to attend, please e-mail

Christine.Lane@namtec.co.uk

Previous TIG Members' Meeting - Sandvik Coromant, Halesowen, 13 May 2011

Presentations from Sandvik are now available online in the members' area [here](#).

Wednesday, 13 July 2011
[Oil & Gas. Meet the Buyer »](#)

Thursday, 21 July 2011
[An Introduction to the National Metals Manufacturing Forum »](#)

Training

Tuesday, 5 July 2011
[Heat Treatment: Principles and Practice »](#)

Tuesday, 12 July 2011
[Introduction to Fatigue »](#)

Wednesday, 20 July 2011
[Introduction to the Strain Life Approach to Fatigue Design »](#)

Monday, 25 July 2011
[Metallurgy for Non Metallurgists »](#)

international companies intend to implement ambitious projects that can hardly be successful without "airborne metal" ...

Tuesday, 6 September 2011
[Metallurgy for Absolute Beginners »](#)

[West Penn Testing Is Key Player in Positioning New Testing Technology for ... >>](#)

The group, made up of three jet-engine manufacturers, two titanium-billet suppliers and one aerospace forger, submitted its data package for FAA approval of Phased Array Ultrasonic Testing (PA) on June 10. According to Albert Fletcher, General Manager ...

Technology News

[Makino's New HMC for Titanium Machining >>](#)

Makino continues to emphasize its machining technologies for titanium with a new five-axis horizontal machining center that incorporates its ADVANTIGE™ technical package. The T2 has been designed for processing mid-sized titanium aerospace parts, ...

[Aerospace Shop Adding Cutting Capacity >>](#)

ADI will use its new MAG 5-spindle Ti profilers to increase production of titanium parts for the Airbus A350 and Boeing 787 programs. They are part of a \$100-million expansion that has included two MAG U5 universal machining centers, two MC 1600 boring ...

[Research and Markets: Handbook of Non-Ferrous Metal Powders. Technologies and ...](#)

[>>](#)

Six prominent academics and industrialists from the Ukraine and Russia have produced this highly-detailed account which covers the classification, manufacturing methods, treatment and properties of the non-ferrous metals (aluminium, titanium, ...

[PEO coatings sparking new interest >>](#)

By immersing metals such as aluminium, titanium and magnesium in a solution that conducts electricity and applying an electric current, the natural oxide on the metal surface thickens and creates a protective outer layer. Although anodized layers are ...

[Dormer Tools boosts tooling performance further with Open Mind hyperMAXX >>](#)

The Productivity Centre at Dormer Tools has installed the new hyperMAXX CAM roughing module from Open Mind to enhance the productivity benefits of its tools for customers and is achieving particularly staggering results when machining titanium. ...

[Planned Enhancements Infinite Web All-In-One Coil Joining System >>](#)

New features facilitate titanium splicing and welding on a bias – ideal for roll forming operations. Joining Technologies Inc., an innovator in industrial laser applications, announces plans to add new features and functionality to its innovative ...

[Healing times for dental implants could be cut >>](#)

The technology used to replace lost teeth with titanium dental implants could be improved. By studying the surface structure of dental implants not only at micro level but also at nano level, researchers at the University of Gothenburg; Sweden, ...

Events

[Aerospace Manufacturing Conference at EMO Hannover 2011 >>](#)

Along with metallic materials (particularly titanium and aluminum), fiber-reinforced plastics and material combinations will be addressed in the conference program. The agenda includes new machinery and production technologies, plus automation concepts ...

[Internationally Renowned Powder Metallurgy Scientist To Visit New Zealand >>](#)

New Zealand's groundbreaking titanium powder metallurgy group, the Titanium Industry Development Association (TiDA), is hosting a symposium on powder metallurgy industry advances including medical, industrial, aerospace and automotive, on Thursday 9 ...

Have you joined our Associate Network on Linked In?

The Titanium Information Group Associate Network on Linked In is free to join and open to anyone with an interest in titanium. This is a platform from which you can promote your products and services and keep your finger on the pulse of the titanium industry. Sign up [here](#).

Do you have an article for Market and technology Watch?

We are interested to hear about any new developments in titanium and associated technologies for our next issue of Market and Technology Watch. If there is anything that you would like to be featured, please contact Kathryn Jackson (kathryn.jackson@namtec.co.uk, 01709 723956).

National Metals Technology Centre, Swinden House, Moorgate Road, Rotherham, South Yorkshire, S60 3AR, United Kingdom

E-mail: info@namtec.co.uk | Telephone: +44 (0)1709 724990 | Fax: +44 (0)1709 724999

Registered in England and Wales as Company No 4426904

You have received this email because you have previously provided us with your email address and shown an interest in The National Metals Technology Centre. If you do not want to receive future emails from us please [follow this link](#).

NOTICE - This message and any attachments from **The National Metals Technology Centre** is intended only for the recipients use and may contain information which is privileged, confidential or proprietary. Internet communications cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, arrive late or contain viruses. By communicating with us via e-mail, you accept such risks.

Any views or opinions expressed, are solely those of the author and do not necessarily represent those of the National Metals Technology Centre Ltd (NAMTEC). When addressed to our clients, any information, drawings, opinions or advice (collectively, "information") contained in this e-mail is subject to the terms and conditions expressed in the governing agreements. Where no such agreement exists, the recipient shall neither rely upon nor disclose to others, such information without our written consent. Unless otherwise agreed, we do not assume any liability with respect to the accuracy or completeness of the information set out in this e-mail.

If you are not the intended recipient of this email, you must neither take any action based upon its contents, nor copy or show it to anyone. Please contact the sender if you believe you have received this email in error.

The Regional Programmes delivered by NAMTEC are partly funded by the European Regional Development Fund.

