

## **ALCOA EXPECTS DEMAND TO DOUBLE**

To continue growing, the company is investing \$30 billion a year in projects and acquisitions such as: • Rebuilding a 50000-ton forging press at its Cleveland Works this year to make the plant a premier producer of large aluminum and titanium forgings ...

*Further reading*



## **TITANIUM VALLEY IS LOOKING FORWARD TO WELCOME ITS BRITISH AND FRENCH RESIDENTS**

The aim of my visit is to obtain reliable information about Titanium Valley.” The representatives of the corporation have informed RusBusinessNews that the government of another European state Great Britain is already promulgating opportunities offered ...

*Further reading*

## **VSMPO AVISMA TO BUY RAW MATERIALS ON ASIAN AND AFRICAN MARKETS**

The Vietnamese Government intends to start developing the titanic iron ore deposit and to build a titanium sponge manufacturing factory. As it was stated by Mr Mikhail Voevodin GD of VSMPO AVISMA, the corporation is willing to take part in ...

*Further reading*

## **SANDVIK TO SET UP MEDICAL TECH DIVISION IN PUNE**

The Sandvik Boline medical material range includes stainless steel, titanium and cobalt chrome in various product forms, all compliant with recognized international standards for medical implants and instruments. Hakan Kingstedt, managing director and ...

*Further reading*

## **RTI INTERNATIONAL METALS INC. REPORTS OPERATING RESULTS (10-Q)**

Excluding the \$15.4 million in the prior year related to the resolution of Airbus' 2009 contractual obligations, the Titanium Group's net sales increased by \$12.2 million. The combination of a 51% increase in shipments and a 6% increase in the average ...

*Further reading*

## OPPORTUNITY FOR EXPOSURE –AAD KTN WEBINAR SERIES

The Aerospace, Aviation & Defence Knowledge Transfer Network (AAD KTN) runs an online webinar series and is looking for speakers to give presentations to a wide audience on advanced engineering topics relevant to Aerospace. Titanium and special metals are interest areas of two of the KTN's groups in particular (Advanced Design and Manufacturing NTC, Materials and Structures NTC), and therefore the AAD KTN has informed us that they would welcome the participation of TIG or SMF members in the webinar series.

Webinars are a great opportunity to gain wide exposure for free, and are usually well attended. If you have a topic that you would like to present, please e-mail Kathryn Jackson ([kathryn.jackson@namtec.co.uk](mailto:kathryn.jackson@namtec.co.uk)) who will forward your details on to the KTN. Further details on the AAD KTN can be found [here](#).

## GE AND EADS TO PRINT PARTS FOR AIRPLANES

But the technology has now improved to the point that these printers can make intricate objects out of durable materials, including ceramics and metals such as titanium and aluminum, with resolution on the scale of tens of micrometers. ...

*Further reading*

## WALTER MILLING CUTTER ENABLES TITANIUM MACHINING

Tests with a Walter Prototyp carbide milling cutter have shown Airbus that it can transform its titanium machining capabilities, doubling cutting volumes during roughing operations on one workpiece. Applied to the Ti6Al4V alloy, a 25mm-diameter ...

*Further reading*

## TECHNOLOGY DEVELOPMENTS IN TITANIUM

Presentations are now available online from NAMTEC's 'Technology Developments in Titanium' day on 7th April 2011 [here](#).

## AAD KTN AIR VEHICLE MATERIALS TECHNOLOGY REVIEWS

The **Materials & Structures National Technical Committee** (M&S NTC) has recently launched two Air Vehicle Materials Technology Reviews, examining the areas of Rotorcraft, and Civil Aircraft.

The reviews present in great detail the UK industry-wide view of the current state of materials technologies within the UK in these areas of the sector, and they join the existing Air Vehicles Materials Technology Reviews published by the M&S NTC; Combat Aircraft; and Propulsion and Engines.

All four of the UK Air Vehicle Materials Technology Reviews will be available to download for free from the M&S NTC **Document Library**.



## EVENTS AND TRAINING

### **Rail Industry Event: Ambitions for Future Growth**

5th July, The Stables, High Melton, DN5 7SZ

This event will outline the future activities within the UK and the potential this brings overseas together with an understanding of how the supply chain functions and the routes of access. This will appeal to organisations with a current presence in rail and to those considering this sector and looking to have the knowledge and contacts to progress.

[\*Click here for further information and to book online\*](#)

### **Oil & Gas, Meet the Buyer**

13th July, Pontefract

At this event you will be given the rare opportunity to meet with buyers from Wood Group and other leading oil & gas organisations and understand their future procurement requirements. There will also be an excellent opportunity to network with other event delegates.

[\*Click here for further information and to book online\*](#)

### **Metallurgical Considerations in the Subsea & Deepwater Industry**

20th – 21st June, Swinden House, South Yorkshire

#### **Course aims**

This two day training course will provide a comprehensive understanding of the subsea and deepwater industry with particular attention paid to the metallurgical aspects of the key systems and components.

#### **Who should attend**

This course is ideally suited to a wide range of industry professionals including suppliers & buyers of specialised alloys, specifiers, design engineers, production engineers and salespersons. It is equally applicable to established players and new entrants to the subsea and deepwater sector.

[\*Click here for further information and to book online\*](#)

### **Training Course Diary**

As a leading provider of Short Technical Training Courses nationwide, with a particular specialism in Metallurgy and Materials, NAMTEC has developed a wide range of training courses that have been tailored to meet the needs of manufacturing industry. Please take time to have a look at our upcoming training courses and contact us directly if you have any more specific needs.

<b>07/06/11</b>	<b><i>Metallurgy of Special Steels, Nickel Based Superalloys and Titanium Alloys for Gas Turbine Applications</i></b>
<b>14/06/11 - 15/06/11</b>	<b><i>Metallurgy for Non Metallurgists (2 days)</i></b>
<b>20/06/11 - 21/06/11</b>	<b><i>Metallurgical Considerations in the Subsea &amp; Deepwater Industry</i></b>
<b>22/06/11</b>	<b><i>Introduction to Non-Destructive Testing</i></b>
<b>28/06/11 - 29/06/11</b>	<b><i>Mechanical Testing of Metals</i></b>