Carpenter Technology Subsidiary Enters Into Alliance With Titanium Spring Manufacturer

Wyomissing, PA--(BUSINESS WIRE)—7/17/02--Dynamet Incorporated, a subsidiary of Carpenter Technology Corp. (NYSE: CRS), said it had formed a strategic alliance with Renton Coil Spring (RCS) Company related to titanium coil springs for high performance motorsports and recreation applications.

As part of the alliance, Dynamet will exclusively provide its UPG(TM) Beta (Ultimate Performance Grade) titanium material to Renton, a privately held Renton, Wash., manufacturer specializing in custom titanium spring design for aerospace, motorsports, recreation, and other industries.

Dynamet's collaboration with Renton is (continued on page 3)

Dynamet Receives DOE Grant and MPIF Grand Prize

Ms. Susan Abkowitz, V.P. Technology & Operations, at Dynamet Technology, Inc. of Burlington, MA announced Dynamet has been awarded a grant from the Department of Energy to broadly demonstrate the commercial potential of its new titanium matrix composite for shot sleeves and related tooling applications in the aluminum die casting industry. The new titanium materials called CermeTi® is a composite of titanium carbide particulate in a titanium alloy matrix. The innovative composite sleeve can extend the tool life by 5 to 10 times over the current commercial steel shot sleeve (H-13). The result is substantial energy savings and cost advantages as well as significant environmental benefits. Six aluminum die casting companies and Case Western Reserve will participate with Dynamet and contribute detailed evaluation of the manufacturing cost savings, energy advantages and environmental benefits.

In June 2002, Dynamet Technology received the Metal Powder Industries Federation (MPIF) Grand Prize in Advanced Materials presented at its annual meeting. The titanium composite component was manufactured by Dynamet’s advanced isostatic pressing technology. This award is for technical achievement and innovation in the application of advanced powder metal processing. Initial preforms were machined and assembled under the direction of Prex Corporation and supplied to SPX aluminum die casting company, for the initial introduction of this (continued next column)

(CermeTi® continued) - component into a production casting environment.

Mr. Tim Harmeyer of SPX reports a 4.5” diameter CermeTi® lined shot sleeve operates at least 5 times as long as a conventional, nitrided H-13 tool sleeve and expects smaller diameter CermeTi® lined sleeves would last more than 200,000 shots. SPX’s early experience indicates the CermeTi® lined shot sleeves also reduce maintenance time, tip usage and lubrication requirements. For more information please visit their website at: www.dynamettechnology.com.
**What’s New in Titanium?**

**Vulcanium Metals Corporation Goes Back to High School**

As a leader in titanium welding technology, Vulcanium® Corporation in conjunction with its local high school district is conducting a series of welding classes. The program is performed on a volunteer basis where interested junior and senior high school students may attend a session during their free time (usually after-school and after-plant hours). Each class introduces various manufacturing processes and TIG welding techniques which are taught by Vulcanium’s master welder’s Greg Louch and David Aguillo.

Vulcanium provides all safety and classroom equipment as well as the metal needed for practice. At the conclusion of each multi-week session, students have a finished project as well as a new appreciation for working with exotic metals.

**RTI Selected to Supply Titanium for Inco Ltd.’s Goro Project**

Niles, OH--(Business Wire)--7/16/02--RTI International Metals, Inc., (NYSE: RTI) announced it has been selected to provide the titanium alloy for a $1.4 billion nickel-cobalt mining facility being developed by Inco, Ltd. (NYSE:N) at Goro in the French Overseas Territory of New Caledonia. The Goro project is the centerpiece of Inco’s growth strategy and will produce nickel at low cost using its proprietary hydrometallurgical and solvent extraction process. Titanium is required due to temperature and pressure demands of the heat exchanger system in the pressure-acid-leach process used to recover nickel from the laterite ore.

RTI was selected for its expertise in the design and production of a highly corrosion resistant, ruthenium-enhanced titanium alloy, ASTM Grade 28, which it originally developed for the oil & gas industry. The project, expected to be in production in late 2004, will require approximately 1 million pounds of the alloy, which RTI will produce in the third and fourth quarters of 2002.

This news release includes certain “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995. These statements are based on management’s current expectations and are subject to uncertainty and changes in circumstances. Actual results may differ materially from these expectations due to changes in the engineering and construction timetables for the Goro project, and the timing of the receipt of the required governmental, regulatory and other approvals and arrangements. Other risks and uncertainties have previously been included in the Company’s filings with the Securities and Exchange Commission, copies of which are available from the SEC or from RTI Investor Relations.

RTI International Metals, headquartered in Niles, OH, through its various subsidiaries, manufactures and distributes titanium and specialty metal mill products and extruded shapes, as well as engineered systems for energy-related markets & environmental engineering services. The Company’s products are used for aerospace, defense, industrial, and consumer applications. For more information contact: Richard Leone, (330)544-7622 or visit their website at: www.rti-intl.com

**Boeing Approval for Solar Atmospheres, Western PA**

Solar Atmospheres, Hermitage, PA was awarded approval to heat treat work for Boeing. Since Solar is a relatively new heat treater (est. 1983) and Boeing is actually trying to pare down their list of approved vendors, approval verifies the unique resource of Solar’s 24 ft. furnace & vacuum furnace capabilities.

Quality procedures at Solar are critical to Boeing and its contractors in order to obtain the approval at the Hermitage plant site. Solar is approved to heat treat a wide range of metals as indicated by the list below. This includes processing primary metals such a titanium which is being used in developing new aircraft like the F-22, Raptor in which Boeing is responsible for various systems in partnership with Lockheed Martin.

This approval for the new Solar plant is the first major accreditation of approvals for which the plant is striving. Mike Johnson, QA Manager in Hermitage & Mike Moyer, Corporate QA Manager are anticipating NADCAP accreditation, ISO & AS approval in the future.

Approval includes the following heat treatments.

Continued next column

(Boeing Approval for Solar Atmospheres continued)

- BAC 5617 Heat treating of Alloy steels
- BAC 5619 Heat treating of corrosion resistant steels
- BAC 5616 Heat treat of nickel & cobalt base alloys
- BAC 5613 Heat treat of titanium and titanium alloys

For more information visit their web site at: www.solaratm.com.
What’s New in Titanium?

Carpenter Technology Names Robert J. Torcolini
President And COO

Carpenter Technology Corp. stated Mr. Robert J. Torcolini had been elected president and chief operating officer of the specialty materials company, effective July 1. Torcolini, who had been senior vice president - Engineered Products Operations (EPO), also was elected to the company's Board of Directors. Mr. Torcolini was previously a Board of Director for the International Titanium Association.

Titanium Spring Manufacturer continued from page 1 - part of a strategy to diversify beyond the cyclical aerospace market, traditionally the largest user of titanium products. "We are continuing to make significant progress pursuing our growth initiatives in both the medical and consumer segments of our business and, with this partnership, are aggressively moving into the high-end performance motorsports, automotive, and recreation markets," said Mark S. Kamon, president, Dynamet. "Renton has a growing reputation for providing premium coil spring products, and together we expect to grow our businesses in this developing niche market."

"Our cooperation is a good example of the customer responsiveness and market opportunity that can be realized with effective supply chain management," added Charles "Chuck" Pepka, CEO of Renton. "By working more closely with Dynamet, one of our long-time suppliers, we'll now be able to offer original equipment manufacturers the same high level of spring performance that historically was only available to the high-end racing industry."

Coil springs that have been made from titanium have provided the strength needed in racing situations and are lighter in weight, creating a performance advantage. Compared to steel, a titanium spring typically requires one-half the volume and one-half the weight.

In addition to these advantages, titanium is resistant to almost all forms of corrosion and is more flexible than steel materials often used in springs.

Dynamet's UPG Beta material is produced to meet Renton's unique requirements, enabling Renton to manufacture various high-performance titanium springs with a variety of load capabilities and a broad range of spring rates. Renton has used the material to produce such products as snowmobile clutch springs, drag racing valve springs, and motocross and downhill mountain bicycle suspension springs, among others.

"RCS titanium springs are full noise," Tucker Hibbert, a champion snowcross racer has said. With these springs, "I can go faster and jump higher than with stock springs." Hibbert has used springs that have been made from UPG Beta to win five championships, including victories in the X-games, Pro-Modified and Pro-Stock snowcross races.

For more information on springs made from UPG Beta, contact Mike Thibert, Renton Coil Springs, at (425) 255-1453, ext. 245 or e-mail: mike@coilspring.com. Renton, founded in 1949, is a fast-growing spring manufacturer known for making high quality springs. Having supplied the aviation industry since the beginning of the commercial jet age, Renton's springs can be found today in applications globally and in outer space - from the space shuttle to Formula 1 race cars.

Dynamet, based in Washington, Pa., is a leading supplier of high quality titanium and other alloy products to companies in aerospace, medical, and other industries. It is a subsidiary of Carpenter Technology, a manufacturer and distributor of specialty alloys and various engineered products worldwide. Information about Dynamet and Renton can be found at www.dynamet.com, www.coilspring.com and www.cartech.com or contact Katharine Marshall, (610)208-3034.

18th Annual Conference Room Block—60% FULL

Have you made your reservations for the conference yet? Over 60% of the ITA room block is already filled!

Contact the Royal Pacific Resort at (888) 837-2273 to reserve your discounted room rate! Remember to tell them you are with the ITA room block and receive your room for $158 a night!
Inside The ITA

Committee Meetings Scheduled

Mark your calendars! The following committees will meet on October 7-8, 2002 during the 18th Annual Conference and Exhibition. The committees are tentatively scheduled as follows:

Monday, October 7, 2002
3:00 pm—5:00 pm
Safety Committee
Membership Committee

Tuesday, October 8, 2002
3:00 pm—5:00 pm
Applications Committee
Specifications Committee

Details will follow next month.

Hot Off The Website As Of July 2002...

The Technical Discussion Forum web page averages over 590 visits a month.
6,512 visits to the conference web site section were made during the month of July!

Online Buyer’s Guide

![Online Buyer’s Guide Visits]

1539 1460 1505 1501 1608 1221 1373
Jan Feb Mar Apr May Jun Jul

Is your company’s Buyers Guide profile up to date? Visit the online Buyer’s Guide at www.titanium.org to make sure your prospective customers can find you!

The Association At Work For You

By your request the ITA determined potential tradeshows to attend in 2003. By attending various trade shows, the ITA is able to represent the industry as a whole and continue to promote titanium usage. ITA is requesting Member volunteers to assist in manning the ITA booth. As a member of the Association, this unique Member Benefit provides your organization the opportunity to promote your industry to potential customers.

The following options include:
Medical Design & Manufacturing West
Anaheim, CA USA February 18-21

Society of Automotive Engineers Congress
Detroit, MI USA March 3-6, 2003

Corrosion 2003, NACE
San Diego, CA USA March 16 - 20, 2003

Offshore Technology Conference
Houston, TX USA May 5-8, 2003

14th AeroMat Conference & Exposition
Dayton, OH USA June 9-12, 2003

10th World Conference on Titanium
Frankfurt, Germany July 13-18, 2003

53rd Sea Horse Institute Meeting
Myrtle Beach, South Carolina August 10-13, 2003

To volunteer or submit another show request contact Stacey Jorgensen at sjorgensen@titanium.org. Only trade show(s) with the most volunteer participation will be considered.

19th Annual Conference & Exhibition

Exhibition space for the 19th Annual Conference & Exhibition in Monterey, California on October 12-14, 2003 will be available for reservations starting in mid-August.

ITA Members will have first priority selection. Watch for details coming soon!

Visit the ITA Web Site for all updated conference information! www.titanium.org

If your company would like to participate in the next newsletter please be sure to add ITA on your media release list. All releases should be sent to: sjorgensen@titanium.org or fax (303) 404-9111.
ITA Announces Keynote Speaker for the Upcoming Conference

Arthur R. Price, Jr.
Lockheed Martin Aeronautics Company

Mr. Price is the Director of Subcontract Management on the Joint Strike Fighter Program, contemplated to be the single largest contract in DOD history. Following service with the United States Army as a Vietnam Helicopter Pilot, Mr. Price graduated from the University of Texas at Arlington with a degree in Business Administration. He joined General Dynamics in 1978 as an entry level Buyer and has progress through the organization and the numerous mergers that resulted in the formation of the Lockheed Martin Aeronautics Company, to Director of Material Management/Subcontract Management for the Joint Strike Fighter Program. In his current position Mr. Price coordinates the sourcing of requirements for the Lockheed Martin JSF Team that consists of Lockheed Martin Aeronautics Company, Northrop Grumman, and BAE SYSTEMS. The LM JSF program is currently in the System Development and Demonstration phase with subsequent Production and Support/Training that will extend for approximately 50 years into the future.

ITA Exhibition Sold Out!

ITA is proud to announce the Annual Exhibition has been sold out for 2002. Visit the ITA web site for details on each exhibitor.

18th Annual Conference
Tentative Agenda

Sunday, October 6, 2002
8th Annual Golf Classic Tournament
Golf Sponsors include: TIMET, RTI International Metals, Inc., STRATCOR, Reading Alloys Inc.
Creating Harmony in Your Life with Feng Shui
Exhibit Hall Reception
Sponsored by RTI International Metals, Inc.

Monday, October 7, 2002
Exhibit Hall Open with Breakfast - Sponsored by Howmet Corporation
Welcome / World Titanium Industry Trends
Titanium Distribution Trends
Networking Luncheon in Exhibit Hall - Sponsored by Perryman Company
Emerging Technologies in Titanium
ITA Committee Meetings:
Safety Committee, Joe Knecht - Chair
Membership Committee, Jim Paddock, Chair
Welding Panel
Exhibit Hall Reception - Sponsored by Dynaet Incorporated

Tuesday, October 8, 2002
Exhibit Hall Open With Continental Breakfast
Aerospace Panel
Non Aerospace/Industrial Panel
Annual Luncheon - Sponsored by TechSpec Incorporated
Annual Meeting of Members
ITA Activities and Goals for 2003
Titanium Achievement Award
Keynote Speaker:
Arthur Price, Lockheed Martin Aeronautics Company

General Session
New Emerging Markets/Consumer Products
Exhibit Hall Refreshment Break - Sponsored by Stroocker Incorporated
ITA Committee Meetings:
Specifications Committee, Al Donlevy, Chair
New Emerging Markets/Architecture
New Emerging Markets/Automotive Applications
Luau in the Palm Gardens/Gala Reception - Sponsored by Allegheny Technologies Incorporated

Wednesday, October 9, 2002
Fundamentals of Titanium: 101 Class
To review a complete list of papers presented in each General Session category, visit the conference topics section of the ITA website at www.titanium.org.
Pre-Registration Cut-Off: September 16, 2002
One registration form per couple. Please Type or Print in Black Ink Only.
Your receipt and attendance confirmation will be mailed to you once the ITA has processed your Registration.

REGISTRATION FEES: Conference Registration includes: All scheduled ITA functions, entrance to Exhibition, Breakfast, Lunch, and all sponsored receptions. Attendees will also be mailed Conference Proceedings. Spouse registration includes entrance to Feng Shui Presentation, evening receptions, and gala event on Tuesday evening.

Enter Sub-Totals:

Before September 16th:  ITA Members $595  Non-Members $795  Academic $295  Spouse $150  
After September 16th: ITA Members $795  Non-Members $995  Academic $295  Spouse $150

*Academic is any individual currently employed full time by an education institution. (Must include a valid copy of employee ID with registration).

2002 Conference Embroidered Polo Shirt: $35 each
Color: Navy  Black  White

Men’s Size: Medium (M)  Large (L)  Extra Large (XL)

Women’s Size: Small (S)  Medium (M)  Large (L)  Extra Large (XL)

2002 Conference Baseball Cap: $15 each

SPECIAL EVENTS:
8th Annual ITA Golf Classic: Sunday, October 6th, 7 a.m. – 1 p.m. (Shotgun Start) $150 per golfer  (Does not include club rental)
Tournament is limited to 100 participants. Eligibility will be based on your registration date

Feng Shui Presentation: Monday, October 7th, 1 p.m. – 5 p.m. $60
(presentation is included with spouse registration-RSVP not required)

The Fundamentals of Titanium 101*: Wednesday, October 9th, 9 a.m.– 5 p.m. $195.00 each

METHOD OF PAYMENT: (Prepayment Required)

Paying by Credit Card? Select one ✓
Note: Only MasterCard or Visa Accepted

Credit Card Number: ________________________________
Expiration Date: Month:______ Year:________

Authorized Signature

CANCELLATION POLICY: A $15 Processing fee will be charged on all cancellations.
Cancellations received in writing before August 19th will receive 75% Refund. Cancellation must be in writing or faxed to ITA.

SPECIAL NEEDS: In compliance with ADA regulations, please notify ITA if you require any special assistance or have restricted dietary needs.

Please note, unless otherwise stated, your name badge will reflect:
First Name  Last Name  Company Name

Mail Completed Form to: International Titanium Assoc.,
350 Interlocken Blvd., #390, Broomfield, CO 80021-3485 USA

Fax Completed Form to: International Titanium Assoc.
(303) 404-9111
This reservation form, along with one night’s deposit, must be received no later than September 12, 2002.

NAME: ______________________ SHARE WITH ______________________
HOME ADDRESS: ______________________
CITY: ______________________ STATE: ______________________ ZIP: ____________
HOME PHONE: (______) ____________
COMPANY NAME: ______________________
COMPANY ADDRESS: ______________________
CITY: ______________________ STATE: ______________________ ZIP: ____________
BUSINESS PHONE: (______) ____________ FAX: ______________________
NUMBER: (______) ____________

Reservation Request:
Standard: Number of Rooms________ Single Occupancy________ Double Occupancy________
Suites: Please telephone the Royal Pacific Resort for availability.
Arrival Date________ Departure Date________ Expected Arrival Time_____AM/PM

Guest Room Rates for the ITA Annual Titanium Conference:

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<th>Type of Room</th>
<th>Room Rates:</th>
<th>In U.S. Dollars</th>
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<tr>
<td>Standard:</td>
<td>Single:</td>
<td>$158</td>
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<td>Double:</td>
<td>$158</td>
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NOTE: Reservations will not be held after 30 days without a deposit. Credit cards will be charged a one night deposit upon receipt. Reservations must be cancelled three (3) days or 72 hours prior to arrival to avoid forfeiture of deposit. Group rates, rooms and dates are subject to availability.

Enclosed is my one night's deposit payable by: (Please check one) Check Credit Card

Credit Card Information:
Type: Discover American Express Diner's Club Carte Blanche Visa MasterCard
Name (exactly as appears on credit card)______________________________
Card Number____/____/____/_____-____/____/____/_____-____/____/____/_____/_____Expiration____/____
Authorized Signature____________________

PLEASE RETURN THIS COMPLETED FORM TO:
Loews - Royal Pacific Resort
1000 Universal Studios Plaza
Orlando, FL 32819 USA
Fax: 407-503-1191
Technical Discussion Forum

Just when you thought the ITA web site couldn’t get any better, you discovered the ITA Technical Discussion Forum. The Technical Discussion Forum is an excellent opportunity to educate the general public on titanium. This Forum allows individuals to post questions or seek advice on applications involved with titanium.

The openness and transparency of technical information benefits industry at large, a public forum such as this will only be successful if individuals respond to the posted questions. ITA relies on membership to actively participate in assisting with technical questions. The next few editions of the newsletter will feature the most recent inquiries that need your help.

**How to do I access the Technical Discussion Forum?**
2. Click on the “Technical Support” tab from the navigation bar.
3. Click on Technical Discussion Forum.
4. The discussion forum is divided among many topics and areas of interest. Pick your area of expertise and enter your response.
5. Or, go to the bottom of the screen and click on “Getting Started”. This is a basic tutorial.

**How do I respond to a question?**
1. Click on the question.
2. In the “Add a Message” box, write your comments (No password is necessary).
3. Then click on the Preview/Post Message button.

**Why should I participate?**
ITA relies on membership to actively participate in assisting with technical questions. With the Technical Discussion Forum, you can check in and respond at your leisure. That is the beauty of this program! You never know what potential customer contacts you may find by answering the posted inquiries.

The Association is designed to educate people on titanium. Your participation in this program is greatly appreciated.

**Recent Inquiries - Do you have a comment?**

**General Category: Embrittlement**
I am an NDT inspector in the aerospace industry. We use halogen free penetrant inspection materials with Titanium components. A co-worker said halogen contamination would cause hydrogen embrittlement. I thought hydrogen embrittlement only appeared in ferrous materials. Can it be caused in titanium? What problems would halogen contamination of titanium cause?

**Cleaning Titanium:**
Cleaning in place using Sodium hydroxide possible?
Any comments on the following statement of corrosion caused by caustic CIP cleaning on Titanium Gr9 tubing: CIP cleaning procedure = first 3% sodium hydroxide at 60 degC, followed by nitric acid 2% at 40degC, and finally flushed with demi water at 80 degC. This CIP cleaning method is used often in food industry.

**Cleaning Of Absorbed Penetrant**
I am working with a titanium component that’s been repeatedly dye pen inspected. The penetrant has been absorbed into the material. I need to know of a method for removing the accumulated dye penetrant from the material.

**Safety: Disposing of Titanium**
Can someone explain (simply) how to dispose of products made of titanium and the impact on the environment?

**Safety: Combustion of titanium tubing**
What is minimum thickness that combustion of tubing or piping becomes a non issue once heat source is removed? What thickness is adequate to provide sufficient heat absorbance to prevent propagation of any fire along tubing or piping?

**Titanium Reaction to Metals and Other:**

**Titanium Turnings Oily**
How are oily Ti turnings presently being recycled?
ITA Classified Ads

ITA On-line Classified Ads

ITA members rely on the ITA website for the latest news & upcoming events. The website reaches more qualified personnel for titanium related operations.

Advertise:
Equipment, Materials, Products, or Business Opportunities.

The Classified’s section of the ITA Web Site is located at www.titanium.org. Simply click on ITA E-News & Classified’s icon from the Home Page.

When you submit a classified ad, ITA will proof your advertisement, process your payment, and post it to the website within 2-3 business days. ITA is not liable for confidentiality in classified advertising at any time and reserves the right to reject any advertising not in compliance with ITA standards.

This is a free service to ITA Members

Non-Member Fee: $25.00 for 120-day period. You will be notified via e-mail 3 weeks prior to the expiration date at which time you may renew your ad for an additional 120-days.

Materials For Sale:

WWW.TI4SALE.COM -
Largest Stock of Ti Materials on the Internet
Contact Name: Vasily Semeniuta
Contact Email: info@ti4sale.com
Description: For all your needs in Ti materials please visit new page www.ti4sale.com, where you can find largest stock of titanium materials currently published on the Internet.

Materials: Wanted

Contact Name: John
Contact Email: john@johnbali.com or call: 62-361-890888

“John Hardy” is an American Jewelry Company, established for more than 15 years and well known for its intricate Silver pieces, Silver & Gold and Precious Stones Jewelry. Although its core business is in Jewelry, in recent years, the company has expanded into a number of new categories, including Home, Men's Jewelry, Baby Jewelry and Candles. The production is mainly Asian particularly made in Bangkok and Bali Island. The brand now has sales of about $65 million and its products are distributed in about 250 stores, primarily independent jewelers, as well as in Saks Fifth Avenue and Neiman Marcus.

John Hardy is currently having the Coil Bracelet added into their Jewelry line and would like to order titanium sheet coil to make coil bracelets. What we are looking for the Coil Spring that going inside the bracelet (size 0.5mm x 6mm). It is not necessary to be in Spring Coil, it could be flat sheet that match our inquiry for the Coil Bracelet.

Calendar of Events

August
12-14 Corrosion Engineering Fundamentals, Golden, CO
27-30 Offshore Northern Seas 2002 15th International Conference & Exhibition, Norway

September
2-6 Surface Engineering for Competitive Advantage, Newcastle Upon Tyne, England
4-11 International Manufacturing Technology Show, Chicago, IL, USA
16-18 Aerospace Materials, Processes & Environmental Tech. Conf., Huntsville, AL
24-25 P/M Sintering and High-Temperature Sintering Seminar, Lisle, IL, USA

27-29 21st Southern Biomedical Engineering Conference, Washington, DC, USA
30-10/1 2002 Coi Processing Technology Conference, Detroit, MI, USA
30-10/2 Basic Metallurgy, Materials Park, OH, USA

October
6-9 ITA 18th Annual Conference & Exhibition, Orlando, FL, USA
16-18 Medical Device Manufacturing East, Minneapolis, MN, USA
27-29 Ryan's Notes Annual Ferroalloys Conference, Boca Raton, FL, USA
29-31 Fabtech 2002, Cleveland, OH, USA
## Current Membership Includes the Following Companies

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<td>Affinity International, LLC</td>
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<td>Allegheny Technologies Incorporated</td>
<td>Poggiolini SRL</td>
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<td>President Company, Ltd.</td>
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<td>Allvac</td>
<td>President Titanium Incorporated</td>
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<td>Titanium International Europe</td>
<td>Reading Alloys Incorporated</td>
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<td>Wah Chang</td>
<td>Renton Coil Spring Company</td>
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<td>Alpha Source Incorporated</td>
<td>Re-tech Systems LLC</td>
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<td>Astro Service Center</td>
<td>Rome Metals Inc.</td>
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<td>Bekaert Fibre Technologies</td>
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<td>Sumitomo Titanium Corporation</td>
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<td>FAE S.A. Fabricación de aleaciones especiales</td>
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<td>TechSpec Incorporated</td>
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<td>Fort Wayne Metals Research Products Corp.</td>
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<td>TICO Titanium Incorporated</td>
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<td>Trans World Alloys Company</td>
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<td>Keywell LLC Vac Air Division</td>
<td>Tricor Industrial Incorporated</td>
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<tr>
<td>Lectrotherm</td>
<td>U.S. Chrome Corporation of California</td>
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<td>Luxembourg Company of Metals and Alloys S.A.</td>
<td>U.S. Vanadium Corporation</td>
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<td>Metem Corporation</td>
<td>Ulbrich Stainless Steels &amp; Special Metals, Inc.</td>
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<td>Monico Alloys Incorporated</td>
<td>United Alloys Aircraft Metals, Inc.</td>
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<td>Naval Surface Warfare Center</td>
<td>United Titanium Incorporated</td>
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<td>NF &amp; M International Incorporated</td>
<td>VALTIMET</td>
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<td>North American Alloys</td>
<td>VSMPO</td>
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<td>Northwest Institute for Nonferrous Metal Research</td>
<td>Vulcanium Metals International</td>
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<td>Pacific Cast Technologies, Inc.</td>
<td>Wellmet International Inc</td>
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<td>Pacific Titanium, Inc.</td>
<td>Western Titanium Incorporated</td>
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<td>Perryman Company</td>
<td>Xiamen Huaxia International Trading Co. Ltd</td>
</tr>
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<td>Plymouth Tube Company</td>
<td>ZAK, Inc.</td>
</tr>
<tr>
<td>Plymouth Extruded Shapes</td>
<td>Zirconium Research Corporation</td>
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Founded in 1984 the International Titanium Association is a nonprofit networking trade association for the titanium industry. The primary focus of the Association is to promote the continued growth of the industry as well as educate the public on benefits and implementation of using titanium. Current membership includes 104 organizations.