



UPDATE Weekly

April 13, 2012

Edition: 14

IMA Executive Committee:

Ken White	ken.white@magnesium-elektron.com	Guenter Franke	guenter.franke@magontec.com
Ronald Chang	c.j.chang@foxconn.com	Karl Kainer	karl.kainer@hzg.de
Tom Heider	tomh@tcdcinc.com	Anthony LoCoco	tlococo@cwmtl.com
WenSheng Li	wenshengli@westmg.com	Joyce Mandel	jmandel@tso.net
Walter Treiber	wtreiber@cwmtl.com		

Below are articles and summaries of **magnesium** related stories. Members are asked to distribute the update to their employees – if their employees wish to receive the IMA Weekly Update, please send their email addresses to the IMA Head Office. We appreciate your company press releases and announcements for inclusion in the Weekly Update.

INDUSTRY CALENDAR

April 24-25, 2012

IMA European Magnesium Applications Seminar
Holiday Inn Düsseldorf – City Centre,
Königsallee; Düsseldorf, Germany
http://www.intlmag.org/auto_eu.html

April 25-26, 2012

Global Automotive Lightweight Materials Initiative
London, United Kingdom
www.global-automotive-lightweight-materials.com

May 2-3, 2012

Automotive Metals Conference
Dearborn, MI USA
www.amm.com/EventDetail/4259/5th-Automotive-Metals-Conference.html

May 20-22, 2012

IMA 69th Annual World Conference
San Francisco, California, USA
www.imaworldconference.org

July 8-12, 2012

9th International Conference on Magnesium Alloys and their Applications
Vancouver, Canada
www.magnesium2012vancouver.com/welcome.html

September 30 – October 3, 2012

COM 2012
Niagra Falls, Ontario, Canada
<http://www.cim.org/com2012/>

Contact IMA

Joyce Mandel, Interim Executive VP

E-mail: jmandel@tso.net

Ann Scheible, Membership Services

E-mail: ascheible@tso.net

IMA staff can also be reached at:

International Magnesium Association
1000 N. Rand Road, Suite 214
Wauconda, IL 60084 USA
Tel: 847-526-2010; Fax: 847-526-3993

E-mail: info@intlmag.org

Website: www.intlmag.org

You can also contact the **IMA's Asian Office:**

Director: Shanel Tsai

IMA Asia Representative Office
7F No.12-2 Alley 658 Jinzhong Road
Changning District
Shanghai, China 200335
Phone: +86 (21) 6402 2930
Email : shanel@intlmag.org.cn

ASSOCIATION NEWS

IMA Slate

IMA 69th Annual World Conference: *Magnesium – The Dream Metal*

IMA European Magnesium Applications Seminar, Düsseldorf, Germany
Magnesium – The Innovative Light Metal

Articles follow below

INDUSTRY NEWS

Magnesium Elektron Announces Development of Bioabsorbable Alloys
www.magnesium-elektron.com (27-Mar-12)

3ality Technica™ Raises the Bar on Smart 3D Production Technology
www.freshnews.com (10-Apr-12)

Articles follow below

CHINA'S LATEST

China Magnesium Industry and Market Bulletin
www.chinamagnesium.net (13-Apr-2012)

Articles follow below

EDITOR'S NOTE: IMA makes every possible effort to substantiate the articles which appear in the Weekly Update. However, as this is not always possible IMA does not warrant the details nor accuracy of any given article. Please keep in mind that materials are attained through press releases, outside articles from numerous sources and publications. Such materials often contain opinions which are not that of the association nor should they be construed as such. We realize that in the case of some materials, the translations might often lead to less than perfect grammar, etc. It is our position however to print as submitted rather than take upon ourselves the editing of such materials which would entail potential changes unwanted by any given author.

ASSOCIATION NEWS

IMA Slate

The following is the list of the nominees proposed by the IMA Nominating Committee which shall be placed in nomination at the Annual Meeting of the Association on Tuesday, May 22, 2012 at 8:00 a.m.:

International Magnesium Association Board of Directors May 2012				
Last Name	First Name	Affiliation	Position (Year term ends)	Position (Year term ends)
Kainer	Karl	Helmholtz-Zentrum Geesthacht	Director (2013)	President (2013)
Chang	Ronald	Foxconn Technology Pte. Ltd.	Director (2013)	VP & Executive Committee (2013)
Heider	Tom	Twin City Die Castings Company	Director (2013)	VP & Executive Committee (2013)
Guy	Jan	AMACOR	Director (2014)	VP & Executive Committee (2013)
Franke	Guenter	MAGONTEC GmbH	Director (2015)	VP & Executive Committee (2013)
Treiber	Walter	Chicago White Metal Casting, Inc.	Director (2015)	Executive Committee (2013)
Decking	Klaus	Georg Fischer	Director (2013)	
Uguccione	Paul	Opta Minerals, Inc.	Director (2013)	
Tissington	Cam	US Magnesium LLC	Director (2013)	
Wanless	David	Garfield Alloys Inc.	Director (2014)	
Vicintin	Ricardo	RIMA Industrial S/A	Director (2014)	
Sparks	Mike	Spartan Light Metal Products	Director (2014)	
Xu	Jinxiang	China Magnesium Association	Director (2015)	
Fantetti	Nick	Dead See Magnesium	Director (2015)	
Friedrich	Horst	Institute of Vehicle Concepts	Director (2015)	
Kanazawa	Takeshi	Japan Magnesium Association	Director (2015)	
Dagger	Chris	Magnesium Elektron	Director (2015)	
Showalter	Eric	Meridian Lightweight Technologies	Director (2015)	
LoCoco	Anthony	Chicago White Metal Casting, Inc.	Treasurer – ex-Officio	
Mandel	Joyce	International Magnesium Association	Executive Vice President – ex-Officio	

IMA 69th Annual World Conference: *Magnesium – The Dream Metal*

The 69th Annual World Magnesium Conference will be held in San Francisco, California, USA from May 20 – 22, 2012. Visit www.IMAworldconference.org to:

- Process your online [Registration](#). It's easy, safe and secure.
- Download the [Attendee Brochure](#) for a comprehensive outline of the Conference.
 - Check out the **Technical Program**. Review the list of Speakers and their scheduled topics of presentation.

- Plan for your upcoming **Networking Opportunities**. Connect with Industry peers and friends.
- Print and Process your **Registration** form.
- Get important **Travel** and **Lodging** information
- Download the [Exhibitor/Sponsor Opportunity Brochure](#) to find out how you can get more involved. Space is filling up quickly so please submit your [Commitment Form](#) today!
- Reserve your accommodations at **The Fairmont San Francisco** (Discounted prices available through April 29, 2012 so please make your reservation soon to take advantage of the special IMA rate).

IMA 69th Annual World Conference Exhibitors:










The IMA Thanks Our 2012 Annual World Conference Level Sponsors:



Silver Conference Sponsor

The IMA Thanks Our 2012 Annual World Conference Individual Event Sponsors:



Spouse Welcome Reception



Lanyards



Closing Banquet



Closing Banquet



Magnesium Elektron
SERVICE & INNOVATION IN MAGNESIUM

Closing Banquet

The World Magnesium Conference is the premier international **magnesium** conference that highlights the industry's latest technological advances, innovative applications, and emerging developments in the global marketplace. The conference combines informative technical sessions, exhibits, networking opportunities, as well as social activities and tours for a well-rounded industry experience. In addition, winners of the 2012 Awards of Excellence—IMA's competition recognizing outstanding **magnesium** products and innovative manufacturing technologies—will be announced during the World Magnesium Conference. Additionally IMA will recognize environmentally progressive and responsible companies in the 2012 International Environmental Responsibility Award competition.

As information about the 2012 World Conference becomes available, it will be reflected on the website www.imaworldconference.org and proactively sent out via targeted emails and the IMA Weekly Update.

We look forward to seeing you in May!

Standard Cancellation Policy

Conference Cancellations received by the IMA in writing by March 25 will qualify for a refund of 80%. Cancellations received by the IMA in writing by April 22 will qualify for a refund of 40%. No refunds will be given after April 22 due to Conference contractual service arrangements.

Any cancellations due to declined Visa applications will be refunded in full if the Visa application was submitted prior to March 15, 2012. Appropriate documentation is required. Cancellations due to declined Visa applications after March 15 will follow the standard cancellation policy noted above.

IMA European Magnesium Applications Seminar, Düsseldorf, Germany ***Magnesium – The Innovative Light Metal***

The 4th Bi-Annual European Magnesium Applications Seminar will be held in Dusseldorf, Germany from April 24 – 25, 2012 at the Holiday Inn Düsseldorf – City Centre, Königsallee.

Who should attend?

Professionals interested in learning about the latest **magnesium** advances in manufacturing production and design should attend this important event, including:

- Design engineers
- Material specification technicians
- Structural design engineers
- Product/component development engineers
- Purchasing professionals

Why magnesium?

Interest in **magnesium** and its many applications continues to grow as more design and engineering professionals discover the many advantages of this light metal. This seminar is organized to provide a global perspective of **magnesium**'s applications, technical advances and advantages to help you design and create better products. Today's **magnesium** information can be the answer to tomorrow's design challenges.

For Seminar Programme details and information about registration, exhibiting or hotel accommodations, please visit our website at http://www.intlmag.org/auto_eu.html.

INDUSTRY NEWS

Magnesium Elektron Announces Development of Bioabsorbable Alloys

www.magnesium-elektron.com (27-Mar-12)

Magnesium Elektron, world leader in the development, manufacture and supply of high performance **magnesium** alloys, today gave details of its research activities in the area of bioabsorbable **magnesium** alloys for medical implants.

The company confirmed that for several years it has been actively working on the development and production of bio-absorbable **magnesium** alloys at its Magnesium Technology Centre in Manchester, UK. The work has involved extensive research into numerous alloy systems and the development of novel manufacturing technologies.

The last decade has seen a significant increase in the amount of research being undertaken across the globe on bio-absorbable materials, particularly in the fields of orthopedic trauma fixation and vascular intervention, where the use of metallic implants is commonplace. **Magnesium** alloys offer the potential to combine the mechanical property benefits of metallic implants with the bio-absorbable nature of degradable polymers.

The promising initial research undertaken by Elektron in this field led to the creation of a dedicated team to further the development of the technologies that emerged. In conducting its research, Elektron has worked in close collaboration with its university network and a number of leading medical device companies in Europe, Japan and North America. Through these collaborative programmes, the new Elektron Synermag® range of bio-absorbable alloy technologies has already undergone considerable in-vitro and in-vivo evaluations. Further evaluations and trials are planned during 2012.

Commenting on the activity, Graham Wardlow, Managing Director of the UK operations, stated that “the development continues our seventy year history of creating new platform technologies involving **magnesium**, previously focusing on the aerospace, defense and nuclear power sectors. In this developing field of healthcare materials, we have combined our existing material know-how with new

ideas and technologies; supporting the research drive of medical device companies to produce bio-absorbable metallic implants that offer improved patient outcomes.”

Magnesium Elektron is wholly owned by the Luxfer Group, an international materials technology company specializing in the design, manufacture and supply of high-performance materials and components to the environmental, healthcare, protection and specialty markets.

For additional information please contact Dr Sarka Jeremic, Product Group Manager – Biomaterials (Telephone: +44 161 911 1253, Email: Sarka.jeremic@magnesium-elektron.com) or see us at the following exhibitions Implants 2012, OrthoTech Europe 2012, MedTech Ireland 2012.

3ality Technica™ Raises the Bar on Smart 3D Production Technology www.freshnews.com (10-Apr-12)

3ality Technica™, a world leader in 3D production technology for the motion picture and broadcast industries, will unveil some of its new 3D production technology at this year’s NAB. With the recent acquisition of Element Technica by 3ality Digital, the combined single company, 3ality Technica, is the world leader in the design, engineering, manufacturing and distribution of 3D production technology. The company is headquartered in Burbank, California.

The showcase includes the new Helix™, which is the result of the combined efforts between the former designers and engineers from 3ality Digital and Element Technica. 3ality Technica’s engineering team has combined **magnesium**, carbon fiber and aluminum into functional, cutting-edge art with the Helix. “The Helix has all the precision, automation and refinement of the TS5 with the configurability and user-friendliness of the Atom,” said Stephen Pizzo, SVP 3ality Technica. “It offers complete functionality when coupled with the Stereo Image Processor™ (SIP).” The Helix was designed from the ground up to take advantage of the new IntelleSuite™ enhanced control and automation software, making the Helix the most intelligent system of professional 3D camera platforms.

The company will also showcase its proprietary software applications including IntelleCam™, IntelleCal™, and IntelleMatte™. Coupled with 3ality Technica’s sophisticated hardware, these applications fully automate the hardware, giving DPs and live sports broadcasters smart technology that eliminates setup time and production costs.

CHINA’S LATEST

China Magnesium Industry and Market Bulletin www.chinamagnesium.net (13-Apr-2012)

Market Focus

Magnesium market seen increasing prices

From April 9th to April 13th, ex-works quotations for 99.9 minimum ingots from leading production bases increased continually as indicated in Shanxi from 17,100 – 17,300 yuan, Shaanxi from 16,800 to 17,000 yuan and Ningxia from 17,100 – 17,300 yuan. Export prices adjusted to 3,000 - 3,050 US dollars.

In Fugu, quite a few clients were active in buying however they didn’t take offers at 17,100 yuan. Some contracts were reported done at 16,700 – 16,800 yuan. A Fugu-based source said, “17,000 yuan is reasonable. It is difficult to rise above 17,000 yuan. Ingot business is hard. Price is not only a matter for producers, but also is affected by the economy and demand.”

One Yuncheng-based producer said that it has been long expected for increasing prices in Shanxi, following Fugu. Since last August, **magnesium** prices went down to the bottom, many producers suffered. The prevailing quotation in Wenxi, Shanxi were 17,300-17,500 yuan; Taiyuan 17,100 – 17,200 yuan. It is quite viable for Wenxi staying at 17,500 yuan.SHFE.

Industry News

Taizhou Attracts Catcher Technology for New Magnesium Alloy and Its Product Facility

On April 10th, the signing ceremony of Catcher Technology's project in Taizhou was held in the economic zone of Taizhou, Jiangsu province. The complex, with registered capital of \$ 100 million, will cost 600 million USD total, and 300 million USD for phase one project.

The cooperation between Catcher and Taizhou, one of the 6 projects of Cather in mainland China is planning to produce aluminum, **magnesium** and zinc, as well as new types of alloy&its product, high performance composite material & its product, stainless steel & its product, cell phones & parts, portable computer & parts and various types of mold.

Catcher has started its aluminum die casting business since 1984. In 1988 it achieved a great breakthrough in **magnesium** die casting technology and began its mass production to serve hard disk drive & telecommunication industries. Catcher is the largest **magnesium** die casting company in 3C industry now.

Catcher provides one-stop shopping service to its clients. Besides aluminum or **magnesium** die casting process, Catcher also provides customers different options on forming process and surface treatment, e.g. extrusion, stamping, forging, and injection mold for different materials.

Shaanxi Magnesium Group Joins Hands with Xi'an University of Architecture and Technology

On April 7th, Shaanxi Magnesium Group(SMG) signed strategic cooperation agreement with Xi'an University of Architecture and Technology(XAUAT). Mr Shi Lei, president of SMG and Mr Xu Delong, president of XAUAT attended the ceremony and signed the agreement.

For aspects of scientific and technical cooperation and achievement industrialization, based on the agreement, SMG will employ experts of XAUAT, serving as the technical guide for production and management; Similarly, XAUAT will have employ experts from SMG to be tutors. Both parties will start scientific and technical cooperation, centered on SMG's needs for innovations.

For aspects of talents nurturing, a scholarship of "Shaanxi Magnesium" of 1 million Rmb from SMG will be set up in XAUAT. Excellent graduates will be recommended to SMG.

MIIT Added 8 Magnesium Companies Into Magnesium Industry Access Bracket

On January 31st, MIIT issued, on its website, the first 3 **magnesium** companies qualified for **magnesium** industry. On April 9, MIIT further releases another group covering 8 **magnesium** companies for public reference and supervision lasting from April 9 to April15.

The new access of 8 companies draws its reference from both Access Condition on Magnesium Industry and Interim Measures of Publishing Magnesium Smelter Accessible to Magnesium Industry, and follows the recommendation from provincial industry and information departments, and comes through the approval of experts.

According to Sunlight Metal, there were 3 companies listed on January 31, Linjiang Dongfeng Nonferrous Metal, Ningxia Taifeng Magnesium and Ningxia Huiye. Following are the 8 new added companies.

8 companies meeting the access of **magnesium** industry and going through public reference and supervision (Con't):

No.	Company
1	Weinan Xintai Mg
2	Fugu Tianyu Mg Alloy
3	Fugu Yufeng Mg Alloy
4	Yulin Tianlong Mg
5	Fugu Xintian Mg Alloy
6	Yinguang Huasheng Mg
7	Jinyang Coal and Coke Group
8	Jiangxian County Hengtian Mg

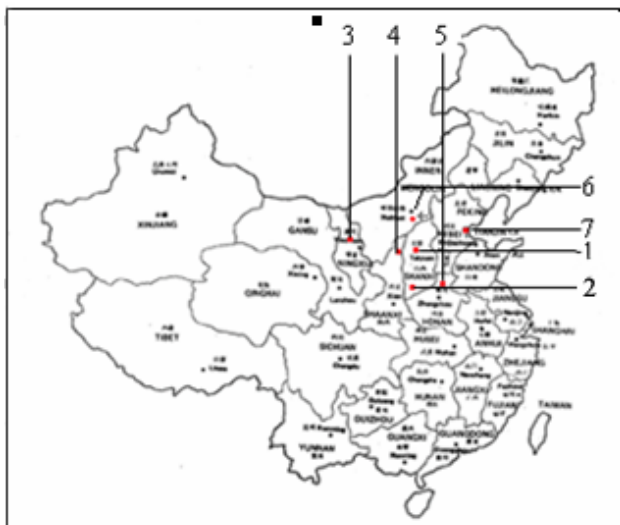
Item		Magnesium Price	Unit
Shanxi Province	Taiyuan City,ex-works ¹	17100-17300	RMB yuan/ton
	Yuncheng City,ex-works ²	17200-17400	RMB yuan/ton
Ningxia Autonomous Region, ex-works ³		17100-17300	RMB yuan/ton
Shaanxi Province, ex-works ⁴		16800-17000	RMB yuan/ton
Henan Province, ex-works ⁵		None	RMB yuan/ton
Inner Mongolia Autonomous Region, ex-works ⁶		None	RMB yuan/ton
FOB Xingang, Tianjin ⁷		3000-3050	USD/ton
CIF, Rotterdam Port		3070-3170	USD/ton
CIF, Toronto Port		3100-3210	USD/ton
Date	SHFE Spot Aluminium	Unit	
9-Apr-2012	16010/	RMB yuan/ton	
13-Apr-2012	15930/	RMB yuan/ton	

Shanghai Future Exchange

(Exchange Rate of USD versus RMB is 6.3011 on Apr. 13h based on <http://www.boc.cn/>. We placed a Chinese map here to mark the major production bases and Xingang Port of Tianjin for your reference.)

Note:

1. All the ex-works prices are VAT-paid.
2. The FOB price is based on ex-works basis, plus inland freight and miscellaneous expenses at Xingang Port of Tianjin. Because the distance from these six production bases to Xingang Port is different, their land freights also vary. FOB price includes 10-percent exports tariff from Jan. 1, 2008.



3. CIF prices are based on FOB price plus ocean freight and insurance, which will also vary time by time.
4. When getting ex-works price and FOB price, we give some weight numbers to each respondent and then get the weighted average prices.



Marketplace

PLACE YOUR AD HERE

IMA Marketplace is a "classifieds" section for advertising equipment and materials for sale and positions available. Advertising rates for 4 Weeks Run, Space not to exceed 3" x 3", 100-word maximum:

- Members: \$100
- Non-members: \$150
- Blind Box Number: \$50 additional

For more information or to place an ad, please contact the IMA office by phone at (847)526-2010 or by email at info@intlomag.org