

Focus on

Research project on microstructure modelling



The European Aluminium Technology Platform, established end of 2005, is aiming at promoting concerted and coherent approach to Research and Technology involving the European Aluminium industry together with key stakeholders like Universities, R&D centres, suppliers, engineering companies, etc. Prioritisations and road mapping activities related to extrusion and rolling processes have showed that modelling microstructure evolution would seem to be a key area for promoting European competitiveness and sustainability. The 3 VIR[\*] projects (FP5, 2000-2004) showed the pathway but some knowledge gaps still need to be addressed for developing a full "Through-process modelling (TPM)" tool. The MODAL project proposal (Multi-scale MODelling of ALuminium microstructure evolution at semi-fabrication processes) will address such knowledge gaps with a special focus on the Al-Mn alloys and on the

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All diecasting equipments



NOVELTY  
Based on the experience of Diecasting & Technology and Foundeq Europe, the new magazine dedicated to the articulated universe of foundry: DIECASTING & FOUNDRY TECHNIQUES.



TechFLUID  
Exhibition-conference on technological solutions, subcontracting, metals & innovative materials for the oil, petrochemical and energy industry  
Piacenza Expo (Italy)  
10th - 12nd May 2007

Latest picks

Bertone Barchetta

The prestigious design house Bertone has unveiled its new Barchetta at the Geneva Motor Show, under way in these days, corresponding to its 95th anniversary celebration. Full of fight yet refined, the new concept is a roadster based on the Fiat Panda 100 HP. This two-seater

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Mirrored clothes stand

2006 China Aluminum Forum Proceedings

The Aluminum Association, in cooperation with Beijing Antaike Information Development Co., Ltd, announces that The 2006 China Aluminum Forum Proceedings CD-ROM is available via

[www.aluminum/bookstore](http://www.aluminum/bookstore) under the What's New section.

Mr Tata joins Alcoa BoD

Ratan N. Tata, Chairman of Tata Sons Ltd., has been appointed a director of Alcoa to fill a vacancy on the board. Tata Sons is the holding company of the Tata Group, India's largest private sector conglomerate. There are now 11 directors on Alcoa's board. In making the

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The CD contains the proceedings of the 2006 China Aluminum Forum, held in Nanning Province, China, December 4-7, 2006. This CD contains 17 presentations on a variety of topics related to the aluminum industry. Among the presentations are: "Policy Adjustments and the Chinese Aluminum Industry's Future;" "The Marketing

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**Metal Prices**

Non Ferrous Metal prices  
LME official of 03/08/2007

	Cash (ASK)	3 months (ASK)
Aluminium	0	0
Aluminium alloy	0	0
Nickel	0	0
Lead	0	0
Copper	0	0
Tin	0	0
Zinc	0	0

**Technical analysis: by Kauffmann & Sons**



**Aluminium QUOTATION (USD)**

	3 MONTH		CASH		Support
	BID	ASK	BID	ASK	
Resistance					
2900	2720	2722	2715	2717	2670
2850					2550
	Totals		Movements		
STOCKS	798900		-1100		
RSI	44,99				
Short period trend			SIDE		
Medium period trend			SIDE		

ASK : the quoted market selling price.  
 BID: the quoted market buying price  
 CASH: the current price in the market for cash/spot contracts  
 3 MONTHS: the current price in the market for a delivery delayed of 3 months  
 SUPPORT: a price area where new buying is likely to come in and stem any decline  
 RESISTANCE: a price area where new selling will emerge to dampen a continued rise

**News from the aluplanet.com archive**

**Oxy-combustion systems in reverberatory and rotary melting furnaces for aluminum recycling.**

The need to reduce operational costs, increase the melting capacity and respect more strict emission limits for VOC, CO, Nox, etc, are the important reasons driving secondary aluminum producers in researching new technologies to increase the energy efficiency of their melting processes. Concerning  
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**The New BMW Inline Six-cylinder Composite Mg/Al Crankcase**

BMW's new inline six-cylinder spark-ignition engine sets new standards in specific power, weight and fuel consumption. The fundamentally new design is based on the latest technologies, such as an electric coolant pump, a further development of BMW's VALVETRONIC variable valve timing  
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**Drain on scrap**

The first meeting of the "Asia Task Force" set up by the OEA (Organisation of European Aluminium Refiners and Remelters) to investigate and monitor the indiscriminate export of scrap to the Far East and to enact counter-measures was held on 15th February in Frankfurt, Germany. Chaired  
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**Upcoming Events**

- 13 - 17 Mar 2007 Bologna, Italy Saiedue
- 13 - 17 Mar 2007 Florence, Italy Aluminium 2000
- 14 - 16 Mar 2007 Lipsia, Germany INTEC

An updated list is available on [www.aluplanet.com](http://www.aluplanet.com)



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