

# AFLM 2012

**Date:** Friday, 9<sup>th</sup> November 2012 (From 8:50 to 18:00)

**Venue:** Conference room (6<sup>th</sup> Floor, No. 5 Building)

Tsudanuma campus, Chiba Institute of Technology, Japan

## Program

**8:50** Opening address

Shinji Kumai (Professor, Tokyo Institute of Technology)

### Morning session

*Recent activity on light metals*

(Chair: Prof. Masahiro Kubota)

**9:00** Goroh Itoh

(Professor, Ibaraki University, Japan)

“Research and development in light metals in Japan ---Process, Microstructure, Properties---“

**9:40** Shuo-Hua Shih

(Vice President, Ningbo Huayang Aluminium-Tech Co, Ltd., Taiwan),

“Market Outlook of Taiwan's Aluminium Industries”

**10:20** Sangho Cho <canceled>

(Senior Vice President, Mg Business Department, POSCO, Korea),

"Status and Vision of POSCO Mg Business"

(11:00 – 11:10 Break)

(Chair: Dr. Yong Tai Lee)

**11:10** Xujun Mi

(Professor and Director, State Key Lab. of Nonferrous Metals and Processes,  
GRINM, China)

“Recent Activity on Light Metals in China”

**11:50** Yuri Estrin

(Professor and Director, Centre for Advanced Hybrid Materials,  
School of Materials Science and Engineering, Monash University, Australia)

"Improving the property 'portfolio' of Mg alloys by a new integrated processing technique"

**(12:30 – 14:30 Lunch break)**

## **Afternoon session**

### *Recent topics on light metals*

(Chair: Prof. Xujun Mi)

14:30 Hiroyuki Toda

(Professor, Toyohashi University of Technology, Japan)

“Time-resolved 3D measurements of mechanical behaviours in aluminium alloys”

15:10 Ching-Tang Chang

(Vice President, AmLi Materials Technology Co., LTD., Taiwan),

“The mechanical properties and applications of Magnesium-Lithium alloys”

15: 50 Yong Tai Lee

(Director of Light Metal Division, Korea Institute of Materials Science, Korea)

“Current R&D Status on Ti Alloys in Korea”

(16:30 – 16:40 Break)

(Chair: Prof. Yuri Estrin)

16:40 Qiang Zhu

(Professor and Vice Chief Engineer, GRINM, China)

“Semi-solid processing of aluminium alloys in GRINM”

17:20 Mingxing Zhang

(Associate Professor, School of Engineering, University of Queensland; Chief Investigator, ARC Centre of Excellence for Design in Light Metals, Australia)

“Recent Research Progress in Grain Refinement for Cast Light Metals”

## **Closing address**

Toshiya Shibayanagi (Professor, University of Toyama)

18:00 Welcome-reception