

AFLM 2012

Date: Friday, 9th November 2012 (From 8:50 to 18:00)

Venue: Conference room (6th 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