

ALMA Forum 2016

Program

Date: 6 August, 2016

Venue: Kyoto TERRSA, Shinmachi, Kujo Minami-ku, Kyoto, Japan

Opening Ceremony

Chairperson: Prof. Toshiya Shibayanagi (Toyama University, Vice Chair of the International Communication Committee of Japan Institute of Light Metals, Japan)

9:00 *Opening Address*

Prof. Masahiro Kubota (Nihon University, Chair of ALMA and Chair of International Communication Committee of Japan Institute of Light Metals, Japan)

Session 1

Chairperson: Prof. Takashi Kuboki (The University of Electro-Communications, Japan)

9:10 *Ultrafine Grained Titanium and Magnesium Alloys for Permanent and Bioresorbable Medical Implants*

Prof. Yuri Estrin (Monash University, Australia)

9:40 *Development and Application of Light Metals in China*

Prof. Wenfang Shi (China Nonferrous Metals Industry Association, China)

10:10 Coffee Break (10:10 – 10:30)

Session 2

Chairperson: Prof. Yuri Estrin (Monash University, Australia)

10:30 *Research Activities on Magnesium Alloys in Korea*

Prof. Kwang Seon Shin (Seoul National University, Korea)

11:00 *Microstructure and Mechanical Properties of LZ91/Al Multilayer Fabricated by Accumulative Roll Bonding*

Prof. Jian-Yih Wang (National Dong-Hwa University, Taiwan)

11:30 *An Overview of Light Metals and Additive Manufacturing Research at Monash University*

Dr. Andrey Molotnikov (Monash University, Australia)

12:00 Lunch (12:00 – 13:30)

Session 3

Chairperson: Prof. Kwang Seon Shin (Seoul National University, Korea)

13:30 *Materials Processing for Light Metals with Meso-scale Structures; Porous Metals*
Prof. Makoto Kobashi (Nagoya University, Japan)

14:00 *Heating Rate Effect on Superplastic Behaviors of an As-cold-rolled 5083 Al-Mg-Mn Alloy*
Prof. Jun-Yen Uan (National Chung Hsing University, Taiwan)

14:30 *KIMS Research Activities on Light Metals*
Dr. Chayong Lim (Korea Institute of Materials Science, Korea)

15:00 Coffee Break (15:00 – 15:20)

Session 4

Chairperson: Prof. An-Chou Yeh (National Tsing Hua University, Taiwan)

15:20 *Fatigue of Ultrafine Grained Light Metals*
Prof. Alexei Vinogradov (Norwegian University, Norway)

15:50 *Recent Progress on Additive Manufacturing of Metals*
Assoc. Prof. Naoyuki Nomura (Tohoku University, Japan)

Closing Ceremony

Chairperson: Prof. Toshiya Shibayanagi (Toyama University, Vice Chair of the International Communication Committee of Japan Institute of Light Metals, Japan)

16:20 *Honoring Ceremony and Group Photo*

16:40 *Closing Address*
Prof. Yoshihito Kawamura (Kumamoto University, Vice Chair of the International Communication Committee of Japan Institute of Light Metals, Japan)