

Osaka University – Kookmin University

Joint Symposium on Advanced Materials Science and Engineering, 2009

PROGRAM

12 February 2009

Memorial Hall for Materials Science,
Graduate School of Engineering, Osaka University

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| 9:40 | Professor Tomoyuki Kakeshita,
Leader of Global COE Program, Osaka University
“Opening Address” |
| 9:50 -10:10 | Professor Shinji Fujimoto, Osaka University
“Introduction to Materials Science and Global-COE Program in Osaka University” |
| 10:10 -10:30 | Professor Woo-Gwang Jung, Kookmin University
“Introduction to Advanced Materials Engineering, Kookmin University” |
| 10:30 -10:50 | Coffee Break |
| 10:50 -11:15 | Professor Hiroshi Utsunomiya, Osaka University
“Porous Layer on Steel Surface for Cold Working” |
| 11:15 -11:40 | Professor Won Jong Nam, Kookmin University
“The Evolution of Microstructure and Mechanical Properties of a 5052 Aluminium Alloy by the Application of Cryogenic Rolling and Warm Rolling” |
| 11:40 -12:05 | Professor Takayoshi Nakano, Osaka University
“Parameters for controlling biological apatite (BAP) orientation in bone” |
| 12:05 -13:20 | Lunch |
| 13:20 -13:45 | Professor Ho-Seok Nam, Kookmin University
“New Insight into Liquid Metal Embrittlement” |
| 13:45 -14:10 | Professor Masato Yoshiya, Osaka University
“Toward new materials designing thorough controlling lattice defects: Our recent efforts with computational approaches” |
| 14:10 -14:35 | Professor Woo-Gwang Jung, Kookmin University
“Recycling of the sludge generated in the manufacturing process of WC/Co hard alloy tools” |
| 14:35 -15:00 | Professor Toshihiro Tanaka, Osaka University
“Hydrothermal Metallurgy for Recycling of Slag & Glass” |

15:00 -15:15	Coffee Break
15:15 -15:40	Professor Jang-Sik Lee, Kookmin University "Nonvolatile nano-floating gate memory devices based on the controlled metallic nanocrystals"
15:40 -16:05	Professor Yu Shiratsuchi, Osaka University "Fabrication of Cr ₂ O ₃ (0001) thin film toward the electronic control of magnetism"
16:05 -16:30	Professor Jinhan Cho, Kookmin University "Layer-by-Layer Assembled Multilayers with Tailored Functional Properties"
16:30	Professor Won Jong Nam, Kookmin University "Closing address"
(16:30 -18:00)	Laboratory Tour
18:00-	Banquet - Restaurant, <i>La Scena</i> -

URL of Advanced Materials Engineering, Kookmin University :
http://eng.kookmin.ac.kr/site/sub01/sub01_1.htm