

EMN Hong Kong Meeting

& CC Mobile Health

December 4 to 8, 2016
Eaton Hotel, Kowloon, Hong Kong

Monday, December 5

8:50-9:00AM

Opening Ceremony

Session: CC Mobile Health Chair: Olivera Sauperl

9:00-9:25AM

01: e-nabling Hospital Patients of the Future

David J Cook
Jiahui Health, Shanghai, China

9:25-9:50AM

02: Functional Clothes for Paraplegics

Olivera Sauperl
University of Maribor,
Slovenia

9:50-10:15AM

03: The Experience of Implementing Telemedicine
in an Inner London NHS Mental Health Trust:
from Research to Practice

Harpreet Sanghara
Oxleas NHS Foundation Trust,
UK

10:15-10:40AM

04: Micro-randomized Trials for mHealth

Peng Liao
University of Michigan, USA

10:40-10:55AM

Session Break

Session: Lightweight Metallic Alloys I Chair: Petra Maier

10:55-11:20AM

05: Metallosis as a complication of total hip
arthroplasty

Robert D. Bunning
MedStar National
Rehabilitation Hospital, USA

11:20-11:45AM

06: The effect of La on characteristics of
mechanically alloyed Al6061 composites

Chun-Liang Chen
National Dong Hwa University,
Taiwan

11:45AM-12:10PM

07: Experimental investigation and constitutive
modeling on the distortional hardening of Mg
alloys

Baodong Shi
Yanshan University, China

Lunch Break

Tuesday, December 6

Session: Lightweight Metallic Alloys II Chair: Robert D. Bunning

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| 8:35-9:00AM | 08: Effect of adding Nd or/and La on precipitation hardening response of extruded Mg10Gd | Petra Maier Fachhochschule Stralsund - University of Applied Science, Germany |
| 9:00-9:25AM | 09: The Improvement of Mechanical Properties of Injection Molded Ti Alloys for Aerospace application | Hideshi Miura Kyushu University, Japan |
| 9:25-9:50AM | 10: Thermo-Mechanical Processing of Light Alloys | G. Guven Yapici Ozyegin University, Turkey |
| 9:50-10:15AM | 11: High Strength and High Ductile Al-Si-Mg-Fe Alloys | Jaehwang Kim Korea Institute of Industrial Technology (KITECH), Korea |
| 10:15-10:45AM | Poster Session & Session Break | |
| Session: Nanopores I Chair: Kazuyuki Nishio | | |
| 10:45-11:10AM | 12: Plasmonic metal nanoparticle decorated mesoporous TiO ₂ for photocatalytic hydrogen generation | Can Xue Nanyang Technological University, Singapore |
| 11:10-11:35AM | 13: Effect of nanoporous oxide film formed on metal substrate on growth of hydroxyapatite | Sachiko Ono Kogakuin University, Japan |
| 11:35AM-12:00PM | 14: Acceleration of electrochemical reactions in nanopores | Kazuhiro Fukami Kyoto University, Japan |
| Lunch Break | | |
| 14:30PM-16:00PM | Free Discussion | |

Wednesday, December 7

Session: Nanopores II Chair: Shinji Yae

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| 9:00-9:25AM | 15: Fabrication of nanopores on suspended graphene films for nanobiodevices | Toshio Ogino Yokohama National University, Japan |
| 9:25-9:50AM | 16: Anodization of gold to form gold nanostructures | Kazuyuki Nishio Tokyo University of Technology, Japan |

Session: Nanopores III Chair: Toshio Ogino

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| 9:50-10:15AM | 17: Porous Silicon Produced By Metal-Assisted Etching | Shinji Yae Engineering University of Hyogo, Japan |
| 10:15-10:40AM | 18: The fabrication of novel nanochannels and their applications | Kai Xiao Chinese Academy of Sciences, China |

10:40-10:55AM

Session Break

Session: Lightweight Metallic Alloys III Chair: Hideshi Miura

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| 10:55-11:20AM | 19: Strain hardening behaviors under quasi-static tension and spall behaviors under shock loading for a high specific strength lightweight steel | Fuping Yuan Institute of Mechanics, CAS, China |
| 11:20-11:45AM | 20: Design of Thin-walled Structures with Lightweight Metallic Materials for Automotive Body | Fengxiang Xu Wuhan University of Technology, China |

Lunch Break

Poster Session

Tuesday, December 6, 10:15-10:45AM

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| P-01 | Encapsulation of Various Dye Molecules by Three-Dimensional In-BTB Metal-Organic Framework | Seong Huh Hankuk University of Foreign Studies, Korea |
| P-02 | Synthesis and electrochemical properties of polyaniline nanotubes embedded with MnO ₂ nanoparticles | Yun Lu Nanjing University, China |
| P-03 | Effect on electromagnetic stirring and pulse treatment for microstructure of Al-Sn bearing alloy | Taejun Kim Gyeongsang National University, Korea |
| P-04 | Microstructural Properties of AC7A Aluminum Alloy Propeller Prepared by Electromagnetic Stirring | Daehwan Kim Gyeongsang National University, Korea |
| P-05 | Electropolymerization of Polypyrrole in Helical Porous Silicon | Kenta Matsuzaki Kyoto University, Japan |
| P-06 | Studies on electrodeposit of Tb-Co from aqueous media on nanoporous Si electrode | Juni Yasoshima Kyoto University, Japan |
| P-07 | Ceramic hybrid antimicrobial biofilms with functional porous ceramic particles | Jeongho Chang Korea Institute of Ceramic Engineering and Technology (KICET), Korea |