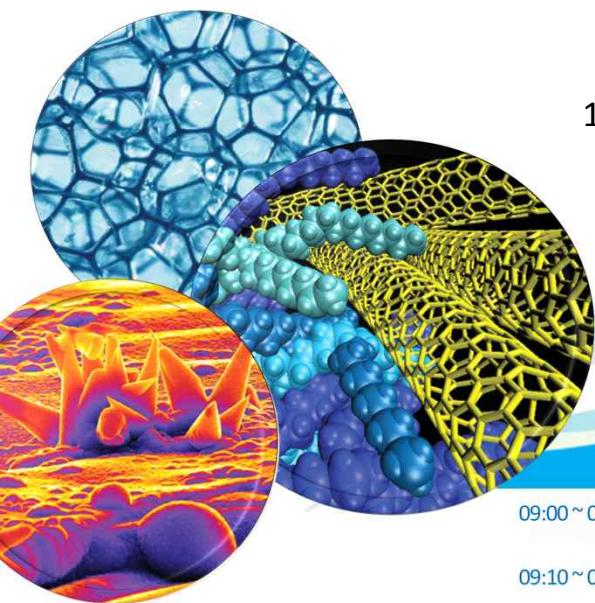


# Korea-Japan International Symposium on Materials Science and Technology 2014 (KJMST2014)

Thursday, **November 13, 2014** 09:00 to 16:20  
1F PINE Room, Sangnam Institute of Management, Yonsei University



09:00 ~ 09:10		<b>Opening remark</b>
09:10 ~ 09:30	(Invited) Al <sub>2</sub> O <sub>3</sub> ALD Passivation Layer	<b>Prof. Hyeongtag Jeon</b> (Hanyang University)
09:30 ~ 10:00	(Keynote) Material science and engineering in the field of polymeric degradation under corrosive environment	<b>Prof. Masatoshi Kubouchi</b> (Tokyo Institute of Technology)
10:00 ~ 10:20	(Invited) Thermal barrier coatings by EB-PVD for gas turbine application	<b>Dr. Byung-Koog Jang</b> (NIMS)
10:20 ~ 10:40	(Invited) Texture developing and some properties of feeble magnetic ceramics by colloidal processing in a strong magnetic field	<b>Dr. Yoshio Sakka</b> (NIMS)
10:40 ~ 11:00		<b>Coffee break</b>
11:00 ~ 11:20	(Invited) Resistive switching behavior in metal oxide thin films for nonvolatile memory devices	<b>Dr. Jeon Kook Lee</b> (KIST)
11:20 ~ 11:40	(Invited) Polymer surface modification and sterilization system using active oxygen species generated under ultraviolet lamps	<b>Prof. Satoru Iwamori</b> (Tokai University)
11:40 ~ 12:00	(Invited) Structurally and chemically designed nanospace for molecular recognition	<b>Prof. Makoto Ogawa</b> (Waseda University)
12:00 ~ 13:30		<b>Lunch</b>
13:30 ~ 13:50	(Invited) Nanowire gas sensor structures and devices	<b>Prof. Dojin Kim</b> (Chungnam National University)
13:50 ~ 14:10	(Invited) Application of the boron free nickel electroplating for electrical connectors	<b>Prof. Kaori Urasaki</b> (TIRI)
14:10 ~ 14:30	(Invited) Preparation of B-doped diamond using microwave plasma CVD	<b>Prof. Yukihiro Sakamoto</b> (Chiba Institute of Technology)
14:30 ~ 14:50		<b>Coffee break</b>
14:50 ~ 15:10	(Invited) Solid-state epitaxy emitter silicon solar cells	<b>Prof. Donghwan Kim</b> (Korea University)
15:10 ~ 15:30	(Invited) Surface passivation of silicon solar cells prepared by wet process	<b>Dr. Ryosuke Watanabe</b> (Seikei University)
15:30 ~ 15:50	(Invited) Recent Progress on Cu <sub>2</sub> ZnSn(S,Se) <sub>4</sub> thin film solar cells	<b>Prof. Jinhyeok Kim</b> (Chonnam National University)
15:50 ~ 16:10	(Invited) Fluorine laser induced micro/nanostructuring and surface modification of iron thin film to obtain hydrophobic and corrosion resistant	<b>Prof. Masayuki Okoshi</b> (National Defense Academy)
16:10 ~ 16:20		<b>Closing remark</b>
16:20 ~		<b>Lab tour</b>



Organized by :  
- Materials Research Society of Korea  
- Materials Science Society of Japan