

Scientific Program

Thursday, October 26

“ASAHI”

18:30 – 20:30 **Welcome Party**

Friday, October 27

“TEN”

Chairperson: Yoshimasa Kobayashi

9:00 – 9:30 *Invited Lecture 1*

I-1-1 Prof. Jing-Feng Li (Tsinghua University)
“Piezoelectric ceramic films and micro-structures for MEMS applications”

Chairperson: Atsunori Matsuda

9:30 – 10:00 *Invited Lecture 2*

I-1-2 Prof. Hae Jin Hwang (Inha University)
“Sol-gel technique for energy-related materials synthesis”

10:05 – 10:35 **Short Presentation 1**

10:35 – 10:55 **Coffee Break**

Chairperson: Takayuki Ban

10:55 – 11:25 *Invited Lecture 3*

I-1-3 Prof. Hong Lin (Tsinghua University)
“Quasi-solid dye-sensitized solar cells with composite electrolyte”

Chairperson: Toshiaki Yamaguchi

11:25 – 11:55 *Invited Lecture 4*

I-1-4 Prof. Ji-Woong Moon (Korea Institute of Ceramic Engineering and Technology)
“Synthesis of clay-based nanocomposite by intercalation”

11:55 – 13:00 **Lunch**

Chairperson: Hiroyuki Muto

13:00 – 13:30 *Invited Lecture 5*

I-1-5 Prof. Tanguy Rouxel (Universite de Rennes)
“Designing glasses to meet specific mechanical properties”

Chairperson: Naoki Kondo

13:30 – 14:00 *Invited Lecture 6*

I-1-6 Prof. Guo-Jun Zhang (Shanghai Institute of Ceramics, Chinese Academy of Sciences)
“Zirconium diboride-based ultra-high temperature ceramics (UHTCs)”

14:05 – 14:30 **Short Presentation 2**

14:30 – 14:45 **Coffee Break**

Chairperson: Sawao Honda

14:45 – 15:15 *Invited Lecture 7*

I-1-7 Prof. Tarek Agag (Tanta University)
“Synthesis and properties of some novel polymer nanocomposites using organoclays”

15:20 – 15:50 **Short Presentation 3**

“OGAKI BOWLING CENTER”

16:00 – 18:00 **Recreation (Tenpin Bowling)**

“KYOKUKO (ASAHI & HIKARI)”

18:00 – 21:00 **Poster Session & Banquet**

Saturday, October 28

“TEN”

Chairperson: Takeharu Kato

9:00 – 9:30 *Invited Lecture 8*

I-2-1 Prof. Takashi Ida (Nagoya Institute of Technology)

“Evaluation of crystallite size by powder x-ray diffraction method”

Chairperson: Kiyofumi Katagiri

9:30 – 10:00 *Invited Lecture 9*

I-2-2 Prof. Yanfeng Gao (Musashi Institute of Technology)

“Controlled crystallization of TiO₂ and ZnO from aqueous solutions: effects of soluble organics”

Chairperson: Atsushi Nagai

10:00 – 10:30 *Invited Lecture 10*

I-2-3 Dr. Balagopal N. Nair (Noritake Co. Ltd.)

“Development of ceramic materials and structures for emerging applications in hydrogen economy”

10:30 – 10:50 **Coffee Break**

Chairperson: Takashi Ida

10:50 – 11:20 *Plenary Lecture*

P-2-1 Dr. Takahisa Tsugoshi (National Institute of Advanced Industrial Science and Technology (AIST))

“Collaboration between the next generations”

11:20 – 11:50 **Closing Remark**

[\[AYCeCT Web page\]](#)