

PROGRAM

for

The 20th Symposium on Clean Technology

Date/Time: July 16, 2021 13:00 ~ 18:00

Place: Chem. Eng. Bldg. Rm. 212, 214, Yeungnam University

Moderator: Ass. Prof. Dohyung Kang (Vice Director, Institute of Clean Technology)

13:00 Registration

Opening Ceremony

13:15 Opening Address

Prof. Jae-Jin Shim (Director, Institute of Clean Technology)

13:20 Welcome Address

Prof. Chaechun Gim (Executive Vice President)

Research Presentations

Session 1: Materials Syntheses via New Approaches

Chair: Prof. Chan-Wook Jeon (Chairman, School of Chemical Engineering)

13:30 *(Invited)* Regulating Shockwave Pressure Using Shock-Responsive Polymers
Ass. Prof. Jaejun Lee (Dept. of Polymer Sci. Eng., Pusan Nat'l Univ.)

14:10 *(Invited)* Development of plasma electrolytic oxidation as promising surface modification
Prof. Young Gun Ko (School of Material Sci. and Eng., Yeungnam Univ.)

14:50 *(Invited)* Adsorption characteristics of silane-functionalized perfluoropolyether on hydroxylated glassy silica surface
Ass. Prof. Yong Nam Ahn (Dept. of Chem. & Bio. Eng., Gachon Univ.)

15:30 Coffee Break

Session 2: Perovskite Solar Cells and Polymeric Nanomaterials

Chair: Prof. Woo Kyoung Kim (Professor, School of Chemical Engineering)

15:45 *(Invited)* 2-Dimensional Additive Engineered Perovskite for Highly Efficient Tandem Solar Cells
Ass. Prof. Dong Hoe Kim (Dept. of Nano. & Adv. Mat. Eng., Sejong Univ.)

16:25 *(Keynote)* Perovskite Solar Cells: History, Progress and Perspective
Prof. Nam-Gyu Park (School of Chem. Eng., SungKyunKwan Univ.)

17:05 *(Keynote)* Functional Metal Nanostructures based on Block Copolymer Self-Assembly
Prof. Jin Kon Kim (Dept. of Chem. Eng., POSTECH)

17:45 Closing Remarks

17:50 Commemorative Photographing

17:55 Lucky Draw

18:00 Lab Tour (Optional)

18:10 Symposium Dinner

※ The program is subject to change.