

Green Chemistry,
Clean World!

2024 KCS 134th General Meeting & Exhibition

October 16-18, 2024, Daegu EXCO



※ This work was supported by the Korean Federation of Science and Technology Societies (KOFST) Grant funded by the Korean Government.

www.kcsnet.or.kr
ISSN 1229-6708



Official Partner



Sponsor



Memorial Symposium of the Late Tong Hyuk Ahn

October 17(Thu), 15:40-17:30, Room 323A



Late Tong Hyuk Ahn (대한화학회 3, 6, 9, 10대 회장)

- 1923-26 경성고등공업학교 응용화학
- 1926-29 규슈 제국대학 응용화학
- 1948-49 프린스턴 대학교 응용화학
- 1953-54 상공부 장관
- 1958-76 한양대학교 화학공학과 교수
- 1971-74 한국과학원 초대 이사장
- 1971-04 한국화학회관 초대 이사장
- 1972 국민훈장 무궁화장
- 2003 과학기술인 명예의 전당 헌액
- 2018 대한민국 과학기술유공자



In Chung

Seoul National University

"Fundamental Atomic-Level Crystal Lattice Chemistry for Cutting-Edge Energy and Optical Applications"



Hyosung Choi

Hanyang University

"Zero-Energy Mechanoluminescent Platform for Various Applications"



Ho Bum Park

Hanyang University

"Tailoring Nanomaterials to Improve Membrane Performance in Gas Separation"



Chi Hoon Park

Gyeongsang National University

"Application of Molecular Simulation Technology to the Materials of Fuel Cell and Water Electrolysis"

Symposium

Industrial Chemistry Symposium 1
October 17 (Thu), Room 323A

Organizer



Seunghoon Shin

2004-
Present Professor, Department of
Chemistry, Hanyang University,
Korea
2002-
2004 Postdoc, Department of
Chemistry, Stanford University,
USA
1996-
2001 Ph.D., Department of
Chemistry, The Ohio State
University, USA

Chair



Changsik Song

Present Professor, Department of
Chemistry, Sungkyunkwan
University, Korea
2011 Postdoc, Department of
Chemical Engineering, MIT, USA
2007 Ph.D., Department of Chemistry,
MIT, USA



Jaewoo Lee

Present Associate Professor, Department
of Polymer-Nano Science &
Technology, Jeonbuk National
University, Korea
2015 Ph.D., School of Chemical and
Biological Engineering, Seoul
National University, Korea
2009 B.S., Department of Biosystems &
Biomaterials Science and
Engineering, Seoul National
University, Korea

Speaker



In Chung

Present Professor, School of Chemical
and Biological Engineering,
Seoul National University, Korea
2008 Ph.D., Department of Chemistry,
Michigan State University, USA
1999 B.S., Department of Chemistry,
Seoul National University, Korea



Hyosung Choi

Present Professor, Department of
Chemistry, Hanyang University
2014 Postdoc, Center for Polymers
and Organic Solids
2013 Ph.D., School of Energy
Engineering, UNIST



Ho Bum Park

Present Professor, Department of Energy
Engineering, Hanyang University,
Korea
2002 Ph.D., Department of Industrial
Chemistry, Hanyang University,
Korea
1996 B.S., Department of Industrial
Chemistry, Hanyang University,
Korea



Chi Hoon Park

Present Professor, Department of Energy
Engineering, Gyeongsang
National University, Korea
2010 Ph.D., Department of Chemical
Engineering, Hanyang University,
Korea
2004 B.S., Department of Chemical
Engineering, Hanyang University,
Korea

14. Memorial Symposium of the Late Tong Hyuk Ahn

Organizer : Seunghoon Shin (Hanyang University)

Chair : Seunghoon Shin (Hanyang University)

15:40

<Opening Remarks>

Phil Ho Lee

President of the KCS / Kangwon National University

Jang R. Liu

Director, Center for the Support of Science and Technology Honorees, Korean
Academy of Science and Technology

Chair : Changsik Song (Sungkyunkwan University)

16:00

IND1-1 Fundamental atomic-level crystal lattice chemistry for cutting-edge
energy and optical applications

In Chung

School of Chemical and Biological Engineering, Seoul National University, Korea

16:20

IND1-2 Zero-Energy Mechanoluminescent Platform for Various Applications

Hyosung Choi

Department of Chemistry, Hanyang University, Korea

16:40

Coffee Break

Chair : Jaewoo Lee (Jeonbuk National University)

16:50

IND1-3 Tailoring Nanomaterials to Improve Membrane Performance in Gas
Separation

Ho Bum Park

Department of Energy Engineering, Hanyang University, Korea

17:10

IND1-4 Application of molecular simulation technology to the materials of fuel
cell and water electrolysis

Chi Hoon Park

*Department of Energy Engineering, Department of Energy System Engineering,
Gyeongsang National University, Korea*