Winner

The SCEJ Award for Outstanding Asian Researcher and Engineer
(Former The SCEJ Asian Research Award)

▸ 2020

Dun-Yen Kang
Associate Professor, Department of Chemical Engineering,
National Taiwan University
Research Area: Focusing on developing high-performance MOF/zeolite membranes for gas separation and solvent pervaporation. He is putting efforts on the new deposition method for low-defect membranes as well as building structure-property relationships for these unltramicroporous membranes for separations

Huabin Xing
Qiushi Distinguished Professor, Dean of College of Chemical and Biological Engineering,
Zhejiang University
Research Area: Separation science and technologies; Advanced materials for gas separation, energy storage and purification of bioactive compounds; Microporous materials and adsorption; Ionic materials.

Li-Hsien Yeh
Associate Professor, Department of Chemical Engineering,
National Taiwan University of Science and Technology
Research Area: Microfluidics and Nanofluidics, Ionic Circuit, Nanofluidic Power, Single Nanoparticle Sensing with Nanopores, Colloid and Interface Science

Pil Jin YOO
Professor, School of Chemical Engineering,
Sungkyunkwan University SKKU
Provost of Industrial Cooperation Affairs, SKKU Research & Business Foundation
Research Area: Research expertise includes interfacial manipulation of functionalized thin films using multiscale architecturing methods and organic/inorganic hybridization for next-generation energy and environmental applications

▸ 2019

Amornchai Arpornwichanop
Assistant Professor, Department of Chemical Engineering, Faculty of Engineering, Chulalongkorn University
Research Area: Process Systems Engineering covering process modelling, design and analysis, process optimization, and advanced process control
Current research projects focus on systems such as fuel cell, hydrogen production, renewable energy, energy storage, and biorefinery.

Praveen LINGA
Dean's Chair Associate Professor, Department of Chemical and Biomolecular Engineering, National University Singapore
Research Area: In the field of clathrate (gas) hydrates.His contributions have advanced the fundamental knowledge and contributed to technological innnovation in his field.

Yongsheng HAN
Professor, Institute of Process Engineering, Chinese Academy of Science
Research Area: Materials chemical engineering with the focus on shaping particles by chemical diffusion and reaction

Hsing-Yu Tuan
Professor, Department of Chemical Engineering, National Tsing Hua University
Research Area: Nanomaterials synthesis, characterization and applications; Energy Storage (lithium, sodium, and potassium-ion batteries); Electrocatalysis; Photovoltaic devices; Nanobiomedical engineering

▸ 2018

Jian-Rong Li
Full Professor in Chemical Engineering , Dean of the College of Environmental and Energy Engineering , Department of Chemistry and Chemical Engineering
Beijing University of Technology
Research Area: Advanced porous materials for chemical engineering, energy, and environmental science; Adsorption and separation of gases/contaminants; Membrane materials and membrane separation

Sang Hyuk Im
Full professor, Chemical and Biological Engineering, Korea University
Research Area: Material and process engineering fro hybrid perovskite optoelectronics such as Solar cells, LEDs, detectors, thermoelectrics and memories.

Lee Tin Sin
Lee Kong Chian Faculty of Engineering and Science
Universiti Tunku Abdul Rahman
Research Area: Green polymerization, nanocomposites, antimicrobial packaging, green polymers

▸ 2017

Yung Chang
Director, R&D Center for Membrane Technology
Distinguished Professor, Department of Chemical Engineering
Chung Yuan Christian University, Taiwan
Research Area: Membrane Process Engineering; Polymer Physics and Polymer Chemistry; Well-defined Polymer Design and Synthesis; Molecular Simulation Biomaterials and Biomolecular Engineering; Biomedical Interface Science; Biopolymer Physical Chemistry; Biomimetic material Science
Human Blood Treatments; Drug delivery Therapy; Protein Grug Design ;Tissue Regeneration Engineering

Jinlong Gong
Cheung Kong Chair Professor, School of Chemical Engineering and Technology,
Tianjin University, PR China
Research Area: Catalysis for Energy, Heterogeneous Catalysis and Kinetics, Hydrogen Production and Utilization

▸ 2016

Sung Gap Im, Ph.D.
Associate Professor, Department of Chemical and Biomolecular Engineering,
Korea Advanced Institute of Science and Technology
Research Area: Vapor-phase deposition process of polymer films and the surface treatment for biomedical devices, organic electronics, and membranes via ultrathin

functional polymer films

Kevin Chia- Wu
Associate Professor, Department of Chemical Engineering,
National Taiwan University,
Research Area: Nanoporous materials, drug delivery systems, biomass conversion, catalytic reaction engineering

▸ 2015

Dae-Hyeong Kim
Assistant Professor, School of Chemical and Biological Engineering,
Seoul National University
Research Area: Nanomaterials Synthesis and Processing, Flexible and Stretchable Electronics, Biomedical Engineering

Ning Yang
Professor, Institute of Process Engineering,
Chinese Academy of Sciences
Research Area: Meso-scale CFD modeling of fluidization and multiphase reactors

▸ 2014

Haijia Su
Professor of Biochemical Engineering, College of life Science and Technology
Director of Beijing Key Laboratory of Bioprocess
Beijing University of Chemical Technology
Research Area: Bio-separation technology; bio-based materials; Biorefinary and Bioenergy

Chi-Chang HU
NTHU Chair Professor, Department of Chemical Engineering,
National Tsing Hua University
Research Area: Electrochemical Technologies & Engineering (e.g., electrode materials for supercapacitors, fuel cells, rechargeable batteries; electro-photocatalysis & engineering, electroplating & surface finishing of metals/alloys) and Design of Experiments (DOE) & Quality Engineering

▸ 2013

Dominic Foo Chwan Yee
Professor of Process Design and Integration Director, Centre of Excellence for Green Technologies Department of Chemical and Environmental Engineering,
University of Nottingham Malaysia Campus
Research Area: Process integration, waste minimization, process design, process optimization, carbon footprint reduction

GOGATE PARAG RATNAKAR
Assistant Professor of Chemical Engineering, Chemical Engineering Department,
Institute of Chemical Technology, Matunga, Mumbai, India
Research Area: Process Intensification of Physical and Chemical processing, Wastewater treatment, Process Intensification, Sonochemistry, Enzymatic reaction

▸ 2012

Prof. Chao YANG
Professor of Chemical Engineering, Key Laboratory of Green Process and Engineering,
Institute of Process Engineering, Chinese Academy of Sciences, P.R.China
Achievements: Models and numerical simulation of multiphase reactors and industrial applications

Dr. Suzana Binti Yusup
Associate Professor / Director, Mission Oriented Research (Green Technology),
Chemical Engineering Department,
Universiti Teknologi PETRONAS, Malaysia
Achievements: Contribution to Development of Green Technology Research in Malaysia

▸ 2011

Prof. Liqun Zhang
Professor, Beijing University of Chemical Technology, P.R.China
Achievements: Pioneered and Leading Works in Design, Synthesis, Preparation Engineering and Industrialization of Advanced Rubber Materials.

Dr. Yu-Chen Hu
Distinguished Professor, Department of Chemical Engineering,

National Tsing Hua University, Taiwan

Achievements: Outstanding Contributions to Bioprocess, Vaccine Development, Biomaterials Research, Gene Therapy and Tissue Engineering.