

## Winner

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

►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 innovation 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 for 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 Drug 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.