

Techniques of New Energy and Environment

HYU-JLU-FCU Joint
Symposium



29 July 2021
09:00 – 13:15 (CST)
10:00 – 14:15 (KST)



<https://zoom.com.cn/j/6882057894?pwd=dW40OWhZaGlkYzZXRFRRsMkFncWtYQT09>



Prof. SONG, Junnian
Prof. LI, Yan
Prof. FENG, Youcan

JLU



Prof. JEON, Byong-Hun
Prof. KIM, Young Mo
Prof. WANG, Jihoon

HYU



Prof. LAY, Chyi-How
Prof. CHU, Chen-Yeon
Prof. LEU, Hoang Jyh

FCU

Symposium Agenda

Techniques of New Energy and Environment

9:00-9:05 (CST)
10:00-10:05 (KST)

Opening Remarks
– Prof. SONG, Junnian, JLU

Part 1

9:05-11:10 (CST)
10:05-12:10 (KST)

Prof. SONG, Junnian, JLU
Regional Integrative Benefits of Converting Livestock Excrements to Energy in China: An Elaborative Assessment from Life Cycle Perspective

Prof. JEON, Byong-Hun, HYU
Anaerobic Digestion for Waste Management and Bioenergy Production

Prof. LAY, Chyi-How, FCU
Bioelectricity Generation and Bioremediation from Wastewater Using Microbial Fuel Cell

Prof. Kim, Young Mo, HYU
N₂O Emission from Wastewater Treatment Plants

Prof. LI, Yan, JLU
Simultaneous Removal of Nitrate and Perchlorate from Groundwater by Controlling Cathodic Potential of Bioelectrochemical System

11:10-11:30 (CST)
12:10-12:30 (KST)

Break

Part 2

11:30-13:10 (CST)
12:30-14:10 (KST)

Prof. CHU, Chen-Yeon, FCU
Development of Biohythane Technology and Its Applications

Prof. WANG, Jihoon, HYU
Effectiveness of a Relief Well during Geological CO₂ Storage in Pohang Basin, South Korea

Prof. LEU, Hoang Jyh, FCU
Green Energy - Assisted Electrocoagulation for Wastewater Treatment

Prof. FENG, Youcan, JLU
Potential of Green Infrastructures on Restoring Urban Water Budget

13:10-13:15 (CST)
14:10-14:15 (KST)

Closing Remarks
– Prof. LI, Yan, JLU