

Taiwan 2018 International Symposium on the Circular Economy, Chemical Industry, and Tax Policy
April 2-3, National Chengchi University, Taipei, Taiwan

	4/2 (Mon)	4/3 (Tue)
08:30-09:00	Registration International Conference Auditorium, Fifth Floor General Building, National Chengchi University	Registration
09:00-09:50	Welcome and Opening Addresses Prof. James C. Liao (President, Academia Sinica) Prof. Edward H. Chow (President, National Chengchi University) Prof. Brian Chi-ang Lin (Chair, NCCU Department of Public Finance) Prof. Jeffrey Chi-Sheng Wu (Chair, NTU Department of Chemical Engineering)	Guest Keynote Speech (A3) Title : The Water Sector as a Role-Model for Circular Economy: Lessons from Finland and Sweden Presiding: Prof. Ying Chih Liao (National Taiwan University) Speaker: Prof. Kenneth M. Persson (Lund University)
09:50-10:10	Group Photos	Coffee Break 9:30 – 11:00 Roundtable for NCCU Exchange Students (B2) Promoting International Circular Economy Community Moderator: Prof. Brian Chi-ang Lin (National Chengchi University) Panelists: David Heys (McMaster University) Johannes Kintzig (European Business School) Hendrik Kleine (University of Groningen) Dennis Verstegen (Tilburg University)
10:10-11:00	Distinguished Keynote Speech (A1) Title: Energy and Water Footprints as a Tool to Reduce Emissions and Effluents and to Support Circular Economy	10:00-11:00 Guest Keynote Speech (A4)

	<p>Presiding: Prof. Jr-Tsung Huang (National Chengchi University) Speaker: Prof. Jiri Klemes (Brno University of Technology)</p>	<p>Title : Strategies and Innovative Technologies on Implementation of Circular Economy for Petrochemical Industrial Park: The Formosa Plastics Group Experiences Presiding: Prof. Cheng-Liang Chen (National Taiwan University) Speaker: Dr. Chia-Yii Yu (Formosa Plastics Group)</p>
11:00-11:10	Coffee / Tea Break	
11:10-12:00	<p>Guest Keynote Speech (A2) Title: Development Status and Future Prospects of Circular Economy in Taiwan Presiding: Prof. Kuo-Lun Tung (National Taiwan University) Speaker: Prof. Chuh-Yung Chen (National Cheng Kung University)</p>	<p>11:00-12:00 Guest Keynote Speech (A5) Title : High-Value Products Produced from Waste or Reusable Resources Presiding: Prof. Hsi-Wen Yang (National United University) Speaker: Prof. Dun-Yen Kang (National Taiwan University)</p>
12:00-13:00	Lunch Hour	Lunch Hour
13:00-14:30	<p>Roundtable Discussion (B1) Developing Innovative Green Chemistry Technology for Circular Economy Moderator: Distinguished Prof. Pen-Chi Chiang (National Taiwan University) Panelists: Director, Dr. Leon Tzou (CTCI Foundation) Distinguished Prof. Shiao-Shing Chen (National Taipei University of Technology) Distinguished Prof. Chang-Tang Chang (National Ilan University)</p>	<p>Roundtable Discussion (B3) Generating Circular Economy Business Innovation Network (In Mandarin) Presiding: Ching-Ming Hwang (Hsinchu Science Park Bureau, Ministry of Science and Technology) Brian Chi-ang Lin (National Chengchi University) Munjur E. Moula (Aalto University) Chan-Yi Chen (Seaway Technology)</p>

	<p>Distinguished Prof. Jimmy C. M. Kao (National Sun Yat-sen University)</p> <p>Dr. Kenny Hsu (UWin Nanotech Co., Ltd.)</p> <p>Dr. Yong-Jun Sun (Nanjing Tech University, China)</p> <p>Dr. Kinjal Shah (Dharmsinh Desai University, India)</p>	
14:30-14:50	Coffee / Tea Break	Coffee / Tea Break
14:50-16:20	<p>Paper Session (C1)</p> <p>Carbon Circular Economy</p> <p>Presiding: Prof. Risto Kosonen (Aalto University)</p> <p>Title: Energy Transition in Taiwan Speaker 1: Jing-Tang Yang (National Taiwan University)</p> <p>Title: Total Conversion of Agricultural Waste Lignocellulosic Biomass Speaker 2: Kevin C.-W. Wu (National Taiwan University)</p> <p>Title: Sustainable Waste Water Recycling System for Microalgal Green Energy Speaker 3: Yu-Tzu Huang (Chung Yuan Christian University)</p> <p>Title: Carbon Reduction and Economic Analysis of Synthesis Gas Production Utilizing Carbon Dioxide Speaker 4: Hsuan Chang (Tamkang University), Zhung-Yu Lin (Tamkang University), and Yih-Hang Chen (Tamkang University)</p>	<p>Paper Session (C3)</p> <p>Energy and Resource Management</p> <p>Presiding: Prof. Wei-Lin Mao (National Chengchi University)</p> <p>Title: Circular Economy in Water Management Speaker 1: Kamshat Tussupova (Lund University) and Kenneth M. Persson (Lund University)</p> <p>Title: Methanol/hydrogen as the Interim Energy Source before Zero-Carbon Energy Source is Ready Speaker 2: Min-Hon Rei (Green Hydrotec Inc, GHT)</p> <p>Title: Sustainable Resource Management Using Fuzzy Synthetic Method-DEMATEL Approach Speaker 3: Ming-Lang Tseng (Lunghwa University of Science and Technology)</p>
16:20-16:30	Coffee / Tea Break	Coffee / Tea Break

16:30-18:00	<p>Paper Session (C2)</p> <p>Economic Growth and Circular Economy</p> <p>Presiding: Prof. Tsui-Fang Lin (National Taipei University)</p> <p>Title: A Global Value Chain Analysis of Chemicals Export in Korea, Japan, China and Taiwan</p> <p>Speaker 1: Shih-Hsun Hsu (National Taiwan University)</p> <p>Title: How Would Infant Industry Evolve in Facing Trade Retaliation? The Case of Photovoltaic Industry in China</p> <p>Speaker 2: Wen-Chieh Lee (National Chengchi University), Kuang-Ta Lo (National Chengchi University), Hui Meng (Shanxi University of Finance and Economics), and Shin-Shyr Wang (National Chengchi University)</p> <p>Title: Cycle, Optimal Taxation, and Green-Chemistry Model</p> <p>Speaker 3: Hsih-chia Hsieh (Providence University) and Pei-Gin Hsieh (National Chung Cheng University)</p> <p>Title: Development and applications of technical lignin-based carbon materials</p> <p>Speaker 4:Feng-Cheng Chang(National Taiwan University)</p>	<p>16:40-17:40 Distinguished Concluding Speech (A6)</p> <p>Title : Circular and Other Economies in the Anthropocene</p> <p>Presiding: Prof. Jeffrey Chi-Sheng Wu (National Taiwan University)</p> <p>Speaker: Prof. Alexey Voinov (University of Technology Sydney)</p>
19:00-21:00	<p>Welcome Dinner (By Invitation Only)</p>	