

# AGENDA

April 2-3, National Chengchi University, Taipei, Taiwan		
Monday, April 2		
08:30~09:00	<b>Registration</b> International Conference Auditorium, Fifth Floor General Building, National Chengchi University	Fifth Floor, General Building National Chengchi University
09:00~09:50	<b>Welcome and Opening Addresses</b> <b>Challenges in Sustainable Growth</b> 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)	
09:50~10:10	Group Photos	
10:10~11:00	Distinguished Keynote Speech (A1) <b>Energy and Water Footprints as a Tool to Reduce Emissions and Effluents and to Support Circular Economy</b> Presiding: Prof. Jr-Tsung Huang (National Chengchi University) Speaker: Prof. Jiří J Klemeš (Brno University of Technology) Co-Editor-in-Chief, <i>Journal of Cleaner Production</i> (IF: 5.715)	
11:00~11:10	Coffee/Tea Break	
11:10~12:00	Guest Keynote Speech (A2) (中文)	
	<b>Development Status and Future Prospects of Circular Economy in Taiwan</b> Presiding : Prof. Kuo-Lun Tung (National Taiwan University) Speaker : Prof. Chuh-Yung Chen (National Cheng Kung University)	
12:00~13:00	Lunch Hour	
13:00~14:30	Roundtable Discussion (B1) <b>Developing Innovative Green Chemistry Technology for Circular Economy</b> 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	

	<p>University)  Distinguished Prof. Jimmy C. M. Kao (National Sun Yat-sen University)  Dr. Kenny Hsu (UWin Nanotech Co., Ltd.)  Dr. Yong-Jun Sun (Nanjing Tech University, China)  Dr. Kinjal Shah (Dharmsinh Desai University, India)</p>	
14:30~14:50	Coffee/Tea Break	
14:50~16:20	<p>Paper Session (C1)</p> <p><b>Carbon Circular Economy</b>  Presiding : Prof. Risto Kosonen (Aalto University)  Title: <b>Energy Transition in Taiwan</b>  Speaker1 : Jing-Tang Yang (National Taiwan University)  Title: <b>Total Conversion of Agricultural Waste Lignocellulosic Biomass</b>  Speaker 2: Kevin C.-W. Wu (National Taiwan University)  Title: <b>Sustainable Waste Water Recycling System for Microalgal Green Energy</b>  Speaker 3: Yu-Tzu Huang (Chung Yuan Christian University)  Title: <b>Carbon Reduction and Economic Analysis of Synthesis Gas Production Utilizing Carbon Dioxide</b>  Speaker 4: Hsuan Chang (Tamkang University), Zhung-Yu Lin (Tamkang University), and Yih-Hang Chen (Tamkang University)</p>	
16:20~16:30	Coffee/Tea Break	
16:30~18:00	<p>Paper Session (C2)</p> <p><b>Economic Growth and Circular Economy</b>  Presiding: Prof. Tsui-Fang Lin (National Taipei University)  Title: <b>A Global Value Chain Analysis of Chemicals Export in Korea, Japan, China and Taiwan</b>  Speaker 1: Shih-Hsun Hsu (National Taiwan University)  Title: <b>How Would Infant Industry Evolve in Facing Trade Retaliation? The Case of Photovoltaic Industry in China</b>  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)  Title: <b>Cycle, Optimal Taxation, and Green-Chemistry Model</b>  Speaker 3: Hsih-Chia Hsieh (Providence University) and Pei-Gin Hsieh (National Chung Cheng University)  Title: <b>Development and applications of technical lignin-based carbon materials</b>  Speaker 4:Feng-Cheng Chang(National Taiwan University)</p>	
19:00~21:00	<p>Taipei 101 Welcome Dinner  (By Invitation Only)</p>	

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Tuesday, April 3		
08:30~09:00	<b>Registration</b> International Conference Auditorium, Fifth Floor General Building, National Chengchi University	Fifth Floor, General Building National Chengchi University
09:00~09:50	Guest Keynote Speech (A3)	
	<b>The Water Sector as a Role-Model for Circular Economy: Lessons from Finland and Sweden</b> Presiding: Prof. Ying Chih Liao (National Taiwan University) Speaker: Prof. Kenneth M. Persson (Lund University)	
09:50~10:10	Coffee/Tea Break (Fifth Floor, General Building National Chengchi University)	9:30~11:00 (General Building Audiovisual Classroom 270112)
10:10~11:00	Guest Keynote Speech (A4) (Fifth Floor, General Building National Chengchi University)	Roundtable for NCCU Exchange Students (B2)
	<b>Strategies and Innovative Technologies on Implementation of Circular Economy for Petrochemical Industrial Park: The Formosa Plastics Group Experiences</b> Presiding: Prof. Cheng-Liang Chen (National Taiwan University) Speaker: Dr. Chia-Yii Yu (Formosa Plastics Group)	<b>Promoting International Circular Economy Community</b> 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)
11:00~12:00	Guest Keynote Speech (A5) <b>High-Value Products Produced from Waste or Reusable Resources</b> Presiding: Prof. Hsi-Wen Yang (National United University) Speaker: Prof. Dun-Yen Kang (National Taiwan University)	Fifth Floor, General Building National Chengchi University
12:00~13:00	Lunch Hour	
13:00~14:30	Roundtable Discussion (B3)	

	<p><b>Generating Circular Economy Business Innovation Network</b>  Presiding: Ching-Ming Hwang (Hsinchu Science Park Bureau, Ministry of Science and Technology)  Brian Chi-ang Lin (National Chengchi University)  Chan-Yi Chen (Seaway Technology)  Munjur E. Moula (Aalto University)</p>	
14:30~14:50	Coffee/Tea Break	
14:50~16:20	Paper Session (C3)	
	<p><b>Energy and Resource Management</b>  Presiding: Prof. Wei-Lin Mao (National Chengchi University)  Title: <b>Circular Economy in Water Management</b>  Speaker 1: Kamshat Tussupova (Lund University) and Kenneth M. Persson (Lund University)  Title: <b>Methanol/hydrogen as the Interim Energy Source before Zero-Carbon Energy Source is Ready</b>  Speaker 2: Min-Hon Rei (Green Hydrotec Inc, GHT)  Title: <b>Sustainable Resource Management Using Fuzzy Synthetic Method-DEMATEL Approach</b>  Speaker 3: Ming-Lang Tseng (Lunghwa University of Science and Technology)</p>	
16:20~16:40	Coffee/Tea Break	
16:40-17:40	<p>Distinguished Concluding Speech (A6)  <b>Circular and Other Economies in the Anthropocene</b>  Presiding: Prof. Jeffrey Chi-Sheng Wu (National Taiwan University)  Speaker: Prof. Alexey Voinov (University of Technology Sydney)  Past Editor, Environmental Modelling &amp; Software(IF: 4.404)</p>	