Tuesday, October 16, 2018	
10: 00~22: 00	**Conference Registration (大会注册报到), 1st Floor Lobby, Nanyuan Building, Zhongnan Garden Hotel (中南花园饭店南苑楼一楼大厅)**
18: 00~20: 00	**Buffet Reception, Garden Hall, 2nd Floor, Nanyuan Building (南苑楼二楼花园厅)**
20: 00~21: 30	**International Biomass Energy Progress Summit, Conference Room #1, 4th Floor, Nanyuan Building (南苑楼四楼1号会议室) Chair: Prof. Zhenhong Yuan and Prof. John (Jack) N. Saddler**
Wednesday, October 17, 2018	
08: 30~20: 30	**Conference Registration(1st Floor Lobby, Nanyuan Building (南苑楼一楼大厅)**
Opening Ceremony: Zhongnan Hall, 3rd Floor, Nanyuan Building (南苑楼三楼中南厅)	
Chair: Prof. Hanping Chen	
08: 30~09: 00	**Prof. Baoshan Li, Vice President, China Renewable Energy Society**
	Prof. Zhenhong Yuan, Director, Biomass Energy Committee-China Renewable Energy Society
	Prof. John (Jack) N. Saddler, Academician, University of British Columbia, Canada
	Prof. Longlong Ma, President, Guangzhou Institute of Energy Conversion, CAS/Biomass Energy Innovation Alliance
	Prof. Xinliang Zhang, Vice president, Huazhong University of Scince and Technology
Plenary Speech (30 min per person): Zhongnan Hall, 3rd Floor, Nanyuan Building (南苑楼三楼中南厅)	
Chair: Prof.Zhenhong Yuan and Prof.Xiaotao Bi	
09: 00~09: 30	**Drop-in biofuel/biojet production, current status and potential, Prof. John (Jack) N. Saddler, University of British Columbia, Canada**
09: 30~10: 00	**Biomass gasification - A clean energy solution for rural area in China, Prof. Chuangzhi Wu, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences, China**
10: 00~10: 30	**Group Photo and Coffee Break**
Chair: Prof. Zhongyang Luo and Prof. Phillip R. Westmoreland	
10: 30~11: 00	**Commodity Chemicals from Biomass: Catalytic Conversion of Biomass into α, ω-diols, Prof. George W. Huber, University of Wisconsin-Madison, USA**

11: 00~11: 30	Recent development and key barriers on advanced biofuels, Prof. Jin-Suk Lee, Korea Institute of Energy Research, KIER, Korea
11: 30~12: 00	Center for Advanced Bioenergy and Bioproducts Innovation - CABBI, Prof. Vijay Singh, University of Illinois at Urbana-Champaign, USA
12: 00~13: 00	Buffet Lunch (Garden Hall, 2nd Floor, Nanyuan Building（南苑楼二楼花园厅)
13: 00~13: 30	Poster Session (3rd Floor, Nanyuan Building（南苑楼三楼), Host: Prof. Dalei Zhang and Prof. Shijie Liu
Session A: Policies/Strategies & Microalage（政策战略和微藻). Conference Room #1, 4th Floor, Nanyuan Building（南苑楼四楼1号会议室)	
Session Chair: Prof. Xiaotao Bi and Prof. Mingqiang Chen	
13: 30~13: 55	Trends and Policies in Bioenergy and Biomass in Thailand, Prof. Charin Techapun, Chiang Mai University, Thailand
13: 55~14: 20	Algal Biorefinery: Standing on the Interface of Hydrothermal Liquefaction and Bioconversion, Prof. Zhidan Liu, China Agricultural University
14: 20~14: 35	Power-to-Gas: Levelised Costs, Market Interactions, and Carbon Intensity, Shane McDonagh, University College Cork, Ireland
14: 35~14: 50	Hydrothermal carbonization of natural microalgae for solid fuel: influence of pre-deashing, Huihui Liu, Huazhong University of Science and Technology
14: 50~15: 05	Microalgae Chlorella sp. used for nutrients recovery from anaerobic effluent and biocrude production: influence of reaction temperature on hydrothermal liquefaction, Hugang Li, China Agricultural University
15: 05~15: 20	Developing double paddlewheels in a flat plate photo-bioreactor to generate cycle flow between dark and light zones for the improvement of microalgal CO_2 fixation, Junchen Xu, Zhejiang University
15: 20~15: 35	Synergistic effects on properties of bio-oil/bio-char and transferring regularity of chlorine during co-pyrolysis of macroalgae Enteromorpha clathrata and polyvinyl chloride, Bin Cao, Jiangsu University
15: 35~15: 55	Coffee Break
Session Chair: Prof. Manuel Diaz de Los Rios and Prof. Jinguang Hu	
15: 55~16: 20	Energetic and environmental integration of sugar cane byproducts factories, Prof. Diaz de Los Rios Manuel, Cuban Research Institute of Sugar Cane Derivatives (ICIDCA), The Republic of Cuba
16: 20~16: 45	Improvement of Cellulosic Ethanol Production by Developing Robust Strains and Optimization of Cellulase Fermentation, Prof. Xinqing Zhao, Shanghai Jiao Tong University
16: 45~17: 10	Deep Hydro- Upgrading of Algal Biocrude in Tetralin by Using Hydrogen Displacement, Prof. Peigao Duan, Henan Polytechnic University, Xi'an Jiaotong University

17: 10~17: 25	Enhancing Biomass and Lipid Production by Chlorella Sorokiniana Through Simultaneous Supplementation Of Bicarbonate and CO_2, Akash Kumar, Tianjin University
17: 25~17: 40	Alternatively permutated conic baffles generate vortex flow field to improve Arthrospira platensis growth rate in a raceway pond, Wangbiao Guo, Zhejiang University
17: 40~17: 55	Functionalizing bottom ash from biomass power plant for removing methylene blue (MB) from aqueous solution, Fengpei Yao, Sichuan Agricultural University
Session B1: Liquid Fuel- Catalytic conversion（液体燃料-催化转化）. Conference Room #2, 4th Floor, Nanyuan Building（南苑楼四楼2号会议室）	
Session Chair: Prof. Ronghou Liu and Prof. Foster A Agblevor	
13: 30~13: 55	Aqueous Phase Synthesis of Long Chain Hydrocarbons from Low Molecular Weight Biomass Oxygenates, Prof. Foster A Agblevor, Utah State University, USA
13: 55~14: 20	Sustainable one-step hydroprocessing of fatty acids into bio-aviation fuel ingredients, Prof. Pengmei Lv, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences
14: 20~14: 35	Production of Biomass-derived γ-Valerolactone over Robust Mg-doping Cu-based Catalyst Using MeOH as In-situ Hydrogen Source, Xuejuan Cao, Xiamen University
14: 35~14: 50	In-situ evaluation of methylcyclopentane ring opening over noble metal catalysts by isotopic tracing and NMR monitoring, Haoxi Ben, Southeast University
14: 50~15: 05	Selective preparation of monocyclic aromatic hydrocarbons from ex-situ catalytic pyrolysis of pine over Ti (SO4)2-Mo2N/HZSM-5 catalyst, Kai Li, NorthChina Electric Power University
15: 05~15: 20	Effect of K on Catalytic Performance of Fe@C Catalyst for Direct Conversion of Bio-syngas to Gasoline-range Hydrocarbons, Guangyuan Ma, Wuhan University
15: 20~15: 35	Catalytic Conversion of Chitosan to Amino Acid, Jinhang Dai, Sichuan University
15: 35~15: 55	Coffee Break
Session Chair: Prof. Curt Wentrup and Prof. Huiyan Zhang	
15: 55~16: 20	Depolymerization of lignin over CoO/m-SEP catalyst under supercritical methanol, Prof. Mingqiang Chen, Anhui University of Science and Technology
16: 20~16: 45	Synthesis of jet fuel range high density polycycloalkanes with lignocellulosic platform compounds, Prof. Ning Li, Dalian Institute of Chemical Physics, Chinese Academy of Sciences
16: 45~17: 00	Catlytic Esterfication Preparation And Kinetics of Isobutyl Palmitate And its Cold Flow Properties, Zihao Ni, Kunming University of Science and Technology
17: 00~17: 15	Study on Furfural Reduction to Furfuryl Alcohol Technology by Microbial whole cell catalysis, Yuxiu Yan, Nanjing Forestry University

17: 15~17: 30	Aqueous phase hydrodeoxygenation of sorbitol to C1-C6 alchols over Ru-Mo/CMK-3 catalyst, Yaling Yu, Guangdong University of Technology
17: 30~17: 45	Effect of nickel loading approaches on the structure and hydrodeoxygenation performance of nickel- based Al-SBA-15 catalysts, Juping Liu, Tianjin University
17: 45~18: 00	Thermo-catalytic pyrolysis of waste plastics and biomass mixtures using Ni/ZSM-5 and Ni/SAPO-11 based catalysts: a kinetic approach, Já nos Sója, Xi'an Jiaotong University
Session C: Gaseous Biofuel（生物质燃气). Conference Room #3, 4th Floor, Nanyuan Building（南苑楼四楼3号会议室)	
Session Chair: Prof. Mário Manuel Gonçalves Costa and Prof. Haiping Yang	
13: 30~13: 55	Gasification of Non-Woody Residues, Porf. Mário Manuel Gonçalves Costa, Universidade de Lisboa, Portugal
13: 55~14: 20	Efficient and Clean Utilization of Biomass Gasification Technology, Prof. Xiuli Yin, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences
14: 20~14: 35	Biomass Gasification in a Drop Tube Furnace: Experiments and Modelling, Ana Ferreiro, IDMEC, Portugal
14: 35~14: 50	Catalytic Transfer Hydrogenation of Biomass- Derived Furfural to Furfuryl Alcohol over in-situ Prepared Nano Cu-Pd/C using Formic Acid as Hydrogen Source, Juan Du, Xiamen University
14: 50~15: 05	Study on the Reaction Mechanisms of Steam Reforming of Acetic Acid and the Formation Process of Carbon Deposition, Andong Zhang, Shandong University of Technology
15: 05~15: 20	Biogas Upgrading in Metal Organic Frameworks with Alkali and Alkali-Earth Metal Alkoxide Functionalized Ligands, Jianbo Hu, Huazhong University of Science and Technology
15: 20~15: 35	Pickering Interfacial Catalytic Hydrogen Production from Bio-derived Biphasic System over Raspberry Like-Janus Ag_2O-TiO2/SiO2, Chao Wang, Qilu University of Technology
15: 35~15: 55	Coffee Break
Session Chair: Prof. Enchen Jiang and Dr. Anthony Dufour	
15: 55~16: 20	Greenhouse Gas Emission Reduction Potential of a Biomass Moving-bed Pyrolytic Polygeneration System: a Negative Carbon Emission Technology in China, Prof. Qing Yang, Huazhong University of Science and Technology
16: 20~16: 45	Competitive chemisorption in biogas separation, Dr. Robert Bocsi, University of Pannonia, Hungary
16: 45~17: 00	Study on the anaerobic digestion characteristics of different sludge and the best digestion performance sludge co-digestion with biomass straw, Pengfei Li, Southeast University
17: 00~17: 15	Interactions of substrate concentration and biohydrogen production performance between chambers in pilot scale dark-fermentative reactor, Chaoyang Lu, Henan Agricultural University

17: 15~17: 30	Continuous hydrogen production by dark and photo cofermentation using a tubular multi-cycle bioreactor with Paulownia biomass, Yi Wang, Henan Agricultural University
17: 30~17: 45	The effects of trace elements addition on the anaerobic co-digestion performance of chicken manure and maize silage, Chen Sun, Jiaxing University
17: 45~18: 00	Application of gas chromatography in the energy industry, Mr. Xiaobing Shi, Thermofisher Scientific
Session D: Biomass Briquettes & Pellets and combustion (生物质成型燃料与燃烧). Conference Room #4, 4th Floor, Nanyuan Building（南苑楼四楼4号会议室）	
Session Chair: Prof. Jerry D Murphy and Prof. Mingyue Ding	
13: 30~13: 55	Biomass Combustion for Power in China: The Chance and Challenge, Prof. Chunjiang Yu, Zhejiang University
13: 55~14: 20	Innovation in Green Gas Technologies and Systems, Prof. Jerry D Murphy, University College Cork, Ireland
14: 20~14: 35	Study on potassium transformation characteristics and the influence of additives during biochar briquette combustion, Qian Wang, Jianzhu University
14: 35~14: 50	Dewatering and Pelleting of Oily Sludge and Waste Oil from Petroleum Industry with Agroforestry Residues for Safe Disposal and Generation Energy, Jianghong Peng, Liaoning University of Technology
14: 50~15: 05	The Aldehydes/Ketones Emission and Properties Variation of Oxidative Torrefied Sawdust during Storage, Yanni Xi, Hunan Academy of Forestry
15: 05~15: 20	Influence of Torrefaction Pretreatment on the Pyrolysis Characteristics of Seaweed Biomass, Yamin Hu, Jiangsu University
15: 20~15: 35	Life Cycle Analysis of Energetic, Environmental, and Economic Performance of Torrefied Wood Pellets From British Columbia, Huimin Yun, University of British Columbia, Canada
15: 35~15: 55	Coffee Break
Session Chair: Prof. Shaozeng Sun and Dr. Wenli Duo	
15: 55~16: 20	Some Recent Advances in Research on Particulate Matter Emission during Biomass and its-Derived Biofuels Combustion, Prof. Hongwei Wu, Curtin University, Australia
16: 20~16: 45	Gasification of Anaerobic Digestion Based Residuals for H_2-Rich Gas Production, Prof Beibei Yan, Tianjin university
16: 45~17: 00	Importance of porous characteristics of steam- exploded biomass in biorefinery, Yang Liu, State Key Laboratory of Biochemical Engineering, Institute of Process Engineering, Chinese Academy of Sciences
17: 00~17: 15	Evaluating the laminar burning velocity of ethyl acetate, Francis Oppong, Zhejiang University
17: 15~17: 30	Experimental Investigation on Temporal Release of K from Single Biomass Pellet Combustion by Flame Emission Spectroscopy, Zilin He, Huazhong University of Science and Technology

17: 30~17: 45	Investigation of the Relationship between Functional Groups Evolution and Combustion Kinetics of Microcrystalline Cellulose using in situ DRIFTS, Bo Peng, Schoolof Energy and Environment, Southeast University
17: 45~18: 00	Experimental Study on Ignition Characteristics of Single Woody Biomass Particle in O/CO_2 Atmosphere, Yangguang Li, Huazhong University of Science and Technology
Session E1: China-USA Progress in Biomass Conversion Technologies Seminar: (中美生物质论坛). Donghu Room, 3rd Floor, Nanyuan Building (南苑楼三楼东湖厅) Sponsored by BEC-CRES and FBD-AIChE	
Session Chair: Prof. Shijie Liu and Prof. Xinshu Zhuang	
13: 30~13: 55	Pericyclic Chemistry in the Anomerization and Pyrolysis of Mono- and Polysaccharides, Prof. Phillip R. Westmoreland, North Carolina State University, USA
13: 55~14: 20	Exploring bulky chemicals from furfural platform through catalytic oxidation and carbonylation Prof. Guochuan Yin, Huazhong University of Science and Technology
14: 20~14: 35	Versatile Cobalt Catalyst in Biomass Derived Platform Molecules Conversion, Ying Zhang, University of Science and Technology of China
14: 35~14: 50	Low-temperature Steam Reforming Of Toluene And Biomass Tar Over Biochar- supported Ni Nanoparticles: Effects Of Ni Particle Size On Catalytic Activity And Stability, Zhenyi Du, Taiyuan University of Technology
14: 50~15: 05	Revealing the impact mechanisms of adsorption- type soil ash on lignocellulose autohydrolysis: a modeling study, Xinxing Wu, Nanjing Forestry University
15: 05~15: 20	Optimization and Kinetics of Mixed Enzymatic Hydrolysis of Acid-explosed Poplar Wood, Na Liu, Central South University of Forestry and Technology
15: 20~15: 35	Energy analysis of hydrogen-rich gas coupled heating power polygeneration system based on solar thermal driven biomass gasification in supercritical water, Cui Wang, Xi'an Jiaotong University
15: 35~15: 55	Coffee Break
Session Chair: Prof.Phillip R. Westmoreland and Prof. Jun Xie	
15: 55~16: 20	Carbonized biomass cellulose nanofibers as conductive materials in 3D printed composites, Prof. Qinglin Wu, Louisiana State University, USA
16: 20~16: 45	Aromatic hydrocarbons production by catalytic upgrading of Biomass pyrolysis vapor, Prof.Zhifeng Zheng, College of Energy, Xiamen University
16: 45~17: 00	A Novel Platform for Biotransformation of Lignin to Nutraceuticals and Pharmaceuticals, Yi Zheng, Kansas State University, USA
17: 00~17: 15	Screening organosolv based on Hansen solubility parameters theory to depolymerize lignocellulosic biomass for lignin recovery and enzymatic saccharification, Quan Zhang, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences

17: 15~17: 30	Effect of Organic acid pretreatment on Lignocellulosic properties and Enzymatic Hydrolysis of Corn cob, Hui Qiao, Jiangsu Co-Innovation Center of Efficient Processing and Utilization of Forest Resources
17: 30~17: 45	Hydrothermal conversion of sewage sludge: focusing on the characterization of wastewater and their methane yields, Huihui Chen, Fudan University
17: 45~18: 00	Catalytic pyrolysis of chicken-litter biomass using calcium oxide and bio-char catalysts assisted by solar energy, Tao Kan, Macquarie University, Australia
18: 30~20: 30	Welcome Banquet (Zhongnan Hall, 3rd Floor, Nanyuan Building（南苑楼三楼中南厅)
Thursday, October 18, 2018	
Session B2: Liquid Fuel -Thermal conversion (液体燃料-热化学转化). Conference Room #1, 4th Floor, Nanyuan Building（南苑楼四楼1号会议室)	
Session Chair: Prof. Shurong Wang and Dr. Anthony Dufour	
08: 30~08: 55	Upgrading of products from biomass pyrolysis, Prof. Shurong Wang, Zhejiang University
08: 55~09: 20	Photoionisation Mass Spectrometry: a Powerful Tool to Study Biomass Pyrolysis, Anthony Dufour, CNRS, Université de Lorraine, Nancy, France
09: 20~09: 35	Scrap Tire Microwave Pyrolysis: Study on Mechanism of Directional Regulating Pyrolysis Products, Bing Wang, Southeast University
09: 35~09: 50	Experimental study on the solubilization capacity in diesel of model compound for bio-oil obtained from low-temperature stage of fractional condensation, Yiming Zhang, Univercity of Science and Technology of China
09: 50~10: 05	Pyrolysis of the typical composition of MSW with Py- GC/MS and TG-FTIR, Gulzeb Rajput, Tianjin University
10: 05~10: 25	Coffee Break
Session Chair: Prof. Jin-Suk Lee and Prof. Shaojian Jiang	
10: 25~11: 50	Co- processing Biocrudes with Petroleum: Pathway to Producing Low Carbon Renewable Biofuels, Prof. Jinwen Chen, Natural Resources Canada, Canada
11: 50~11: 15	Research and development of biomass fast pyrolysis for bio-oil production, Prof. Ronghou Liu, Shanghai Jiao Tong University
11: 15~11: 30	Structural Evolution and Pyrolysis Characteristics of Lignin under Acid Pretreatment, Minmin Zhu, Southeast University
11: 30~11: 45	Kinetic Modeling of the Effects of Cellulose Crystallinity on Cellulose Pyrolysis, Erwei Leng, Huazhong University of Science and Technology
11: 45~12: 00	Preparation of Ethyl Levulinate from Lignocellulose Biomass , Qian Guan, Henan Academy of Sciences

12: 00~12: 15	Fundamentals and mechanism analysis of biomass pyrolysis process in a newly designed rotary kiln with perturbative internals, Erfeng Hu, Chinese Academy of Agricultural Engineering Planning & Design
Session B3: Liquid Fuel-Biochemical conversion（液体燃料-生化转化). Conference Room #2, 4th Floor, Nanyuan Building（南苑楼四楼2号会议室)	
Session Chair: Prof.Charin Techapun and Prof. Shen Tian	
08: 30~08: 55	A native Achilles-heel-like breakpoint for optimal lignocelllose process technology to maximize bioethanol production in bioenergy crops, Prof. Liangcai Peng, Huazhong Agricultural University
08: 55~09: 20	Review on gas fermentation to alcohols, Prof. Wennan Zhang, Mid Sweden University/Zhejiang University, Sweden
09: 20~09: 35	A functional complex designer cellulosome via self-surface assembly on Saccharomyces cerevisiae, Jiliang Du, Capital Normal University
09: 35~09: 50	Gene Cloning and Characterization of An Organic Solvent Stimulate β-Glucosidase and Its Application for Ethanol and Succinic Acid Co-Production, Cuiyi Liang, Chinese Academy of Sciences
09: 50~10: 05	Inhibitory effects of xylan and mannan on enzymatic hydrolysis, Junhua Zhang, Nanjing Forestry University
10: 05~10: 25	Coffee Break
Session Chair: Prof.Jerry D Murphy and Prof.Wei Qi	
10: 25~11: 50	A new-developed pretreatment method of the concentrated phosphoric acid plus hydrogen peroxide (PHP) for bioethanol production from lignocellulosic biomass, Prof. Fei Shen, Sichuan Agricultural University
11: 50~11: 15	Pulp and Paper Mills - the Ideal Sites for Demonstration of Biomass Energy Technologies, Dr Wenli Duo, FPInnovations, Canada
11: 15~11: 30	Progress in pretreatment methods and bioenergy research, Zahoor, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences
11: 30~11: 45	Monascus pigment production in a multi- stage fixed bed fermentation by using corn cob as a agriculture residual substrate, Maniyom, S, Chiang Mai University, Thailand
11: 45~12: 00	Effect of microwave combined with P. chrysosporium pretreatment on enzymatic hydrolysis of distiller's grains biomass for fermentable sugars, Haiwei Ren, Lanzhou University of Technology
12: 00~12: 15	Biomass Second Recalcitrance of Pretreatment, Lele Sun, University of Chinese Academy of Sciences
Session F: Polygeneration(多联产). Conference Room #3, 4th Floor, Nanyuan Building (南苑楼四楼3号会议室)	
Session Chair: Prof. Shubin Wu and Dr Ondřej Mašek	

08: 30~08: 55	Options for integrated biochar-bioenergy systems as negative emission technologies, Dr Ondřej Mašek, University of Edinburgh, Britain
08: 55~09: 20	Hydrothermal conversion of biomass waste for value added chemicals and materials, Prof. Shicheng Zhang, Fudan University
09: 20~09: 35	Impacts of pre-treatmentand biological acidification on biohydrogen and biomethane co-generation from biomass, Chihe Sun, Chongqing University
09: 35~09: 50	A novel route for bioethanol production with co-generation of electricity from lignocellulosic biomass mediated by polyoxometalates under mild conditions, Yu'an Chen, Tsinghua University
09: 50~10: 05	Nitrogen-doped carbon material as effective electrocatalyst for ORR via co-pyrolysis of cellulose and polyamide, Jiahuan Xu, Southeast University
10: 05~10: 25	Coffee Break
Session Chair: Prof. Shicheng Zhang and Prof. Noppol Leksawasdi	
10: 25~11: 50	Biorefinery Production from Biomaterials by Zero Waste Technology, Prof. Noppol Leksawasdi, Chiang Mai University, Thailand
11: 50~11: 15	Catalytic thermal conversion of biomass to produce high- quality liquid fuels and chemicals, Prof. Huiyan Zhang, Southeast University
11: 15~11: 30	Green Gas Production in an Integrated Circular Bioenergy System, Richen Lin, University College Cork, Ireland
11: 30~11: 45	Biomass seepage recalcitrance in biochemical conversion of biomass, Lan Wang, University of Chinese Academy of Sciences
11: 45~12: 00	Pyrolyzing agricultural waste by using CO_2 for abatement VOCs in biochar, Yingpeng Liu, Huazhong University of Science and Technology
Session G: Platform Technology(平台 科 技). Conference Room #4, 4th Floor, Nanyuan Building (南苑楼四楼4号会议室)	
Session Chair: Prof. Lu Lin and Prof. Qinglin Wu	
08: 30~08: 55	Clean and Efficient Conversion of Lignocellulosic Biomass into Valerolactone, Prof. Lu Lin, Xiamen University
08: 55~09: 20	Solvent effects on conversion of the sugars derived from hydrolysis/pyrolysis of biomass, Porf. Xun Hu, University of Jinan
09: 20~09: 35	Catalytic oxidation of biorefinery lignin by zirconium(IV) chloride in acetonitrile/water: A functionality study, Fei Lin, Key Laboratory of Energy Thermal Conversion and Control of Ministry of Education
09: 35~09: 50	Effects of Plasma Power on Cooking Properties and Antioxidant Activity of Pigmented Rice, Metanee Noppakun, Chiang Mai University, Thailand
09: 50~10: 05	Lignin nanoparticles as a high-value material platform to increase the revenue of a lignocellulose biorefinery, Dong Tian, Sichuan Agricultural University

10: 05~10: 25	**Coffee Break**
Session Chair: Prof.George W. Huber and Prof.Junyou Shi	
10: 25~11: 50	**Design, fabrication, and application of amphiphilic polyoxometalate nano- catalystswith multiple active centers for one-pot targeting transformation of biomass into platform chemical, Prof. Junyou Shi, Beihua University**
11: 50~11: 15	**Selective pyrolysis of biomass to prepare energy and chemical platform compounds, Prof. Lu Qiang, North China Electric Power University**
11: 15~11: 30	**Catalytic Conversion of Biomass to Value- added Chemicals via Selective Hydrodeoxygenation, Jin Deng, University of Science and Technology of China**
11: 30~11: 45	**Formation Mechanism of Levoglucosenone in Sulphuric Acid Catalyzed Pyrolysis of Cellulose, Bin Hu, North China Electric Power University**
11: 45~12: 00	**Conversion of C5 carbohydrates into furfural catalyzed by Lewis/Brønsted acidic ionic liquid in renewable γ-valerolactone, Yuan Zhao, Zhejiang University**
12: 00~12: 15	**Fuel characteristics of different biomass hydrochars by HTC: Quality and combustion behaviour of hydrochar pellets, Guangkuo Zhu, Nanjing University of Technology**
Session E2: China-Canada Bioenergy seminar(中加生物质能论坛). Donghu Room, 3rd Floor, Nanyuan Building (南苑楼三楼东湖厅)	
Session Chair: Prof. Shahab Sokhansanj and Prof. Guanyi Chen	
08: 30~08: 55	**Logistics of woody feedstock supply to a commercial gasification plant in Canada, Prof. Shahab Sokhansanj, University of British Columbia, Canada**
08: 55~09: 20	**Production of Aviation Biofuel from Lignocellulose Feedstock by Aqueous-phase Catalysis, Prof. Chenguang Wang, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences**
09: 20~09: 35	**The concurrent accumulation of lipids and lutein in Chlorella protothecoides triggered by mixtrophy coupling transient N-deficiency two-step strategy, Prof. Yuqin Li, Xiangtan University**
09: 35~09: 50	**Influence of lignocellulosic biomass on the structure and gasification characteristic of co- pyrolysis char, Zhiqiang Wu, Xi'an Jiaotong University**
09: 50~10: 05	**Biomass torrefaction in a dual-compartment slot-rectangular spouted bed: Reactor performance and torrefied product properties, Ziliang Wang, University of British Columbia, Canada**
10: 05~10: 25	**Coffee Break**
Session Chair: Prof. Anthony Lau and Prof. Changwei Hu	
10: 25~11: 50	**Understanding and Control of the Reaction Pathways in the Reaction Networks of Glucose Conversion System to Obtain Target Products with High Selectivity, Prof. Changwei Hu, Sichuan University**

11: 50~11: 15	Improving the Quality of Waste Biomass by Reducing Ash Content and the Inorganic Constituents, Prof. Anthony Lau, University of British Columbia, Canada
11: 15~11: 30	Modelling of Biomass Pyrolysis In a Downer Reactor: Characteristics of Flow Behavior and Heat Transfer, Nanhang Dong, Northeast Electric Power University
11: 30~11: 45	Liquid Hot Water Pretreatment of Garden Waste to Enhance its Total sugar recovery, Prof. Qiang Yu, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences
11: 45~12: 00	Pyrolysis Characteristics of Lignin Extracted from Willow by Deep Eutectic Solvents (DESs), Gaojin Lv, Qilu University of Technology
12: 00~13: 00	Buffet Lunch (Garden Hall, 2nd Floor, Nanyuan Building (南苑楼二楼花园厅)
13: 00~13: 30	Poster Session (3rd Floor, Nanyuan Building (南苑楼三楼), Host: Prof. Dalei Zhang and Prof. Shijie Liu
Plenary Speech and Closing Ceremony: Zhongnan Hall, 3rd Floor, Nanyuan Building (南苑楼三楼中南厅)	
Chair: Prof. Hai Zhao and Prof. Jim Lim	
13: 30~14: 00	Torrefaction of Biomass Residues for the Production of Torrefied Wood Pellets, Prof. Xiaotao Bi, University of British Columbia, Canada
14: 00~14: 30	Mechanistic Studies for Biomass Pyrolysis, Prof. Curt Wentrup, The University of Queensland, Australia
14: 30~15: 00	Biocompatible Biodegradable and Recyclable Plastics from Woody Biomass, Prof. Shijie Liu, State University of New York, USA
15: 00~15: 30	Development of Biomass Pyrolytic Polygeneration, Prof. Hanping Chen, Huazhong University of Science and Technology, China
15: 30~15: 50	Coffee Break
Closing Ceremony and Awards, Chair: Prof. Zhenhong Yuan	
15: 50~17: 00	Closing Speech: Prof. John (Jack) N. Saddler. University of British Columbia, Canada
18: 00~20: 00	Buffet Dinner (Garden Hall, 2nd Floor, Nanyuan Building (南苑楼二楼花园厅)
Friday October 19, 2018	
08: 30~12: 00	Technical Tour (Hubei Ezhou Bluefire Biomass Energy Co. Ltd (湖北鄂州蓝焰生物质能源有限公司)