



Nanjing Agricultural University (NJAU) – Lakehead University

College of Science and Technology, Ningbo University



Lakehead
UNIVERSITY

Faculty of
Engineering

International Virtual Symposium Sustainable Future of Renewable Biomass

DECEMBER 8, 2025 (ONLINE)

19:00 – 23:00 Beijing time BJT 06:00 – 10:00 Eastern Standard Time EST

Meeting Link:

<https://lakeheadu.zoom.us/j/97757673552?pwd=tRg1D46A5E0ynHKjUUHnu8MIHe4s7K.1>

Chair: Prof. Janusz A. Kozinski (Lakehead University, Canada)

Co-Chair: Prof. Zhen Fang (Nanjing Agricultural University, China) 方真

Co-Chair: Prof. Wo-na Ding (Ningbo University, China) 丁沃娜

Secretaries: Mr. Shen-ren Li 18834809793@163.com

Mr. Zhi-Qiang Wang wzq15588@163.com

The leitmotif of the virtual symposium is the path towards sustainable future of renewable biomass as one of the driving forces towards generating carbon-neutral biofuels and multi-functional bioproducts.

The Symposium will serve as a vibrant forum for exchanging ideas and sharing knowledge on the state-of-the-art innovative technologies while considering societal implications.

Global and local challenges and opportunities – as well as future novel processes – will be presented, discussed, and debated.

19:00 – 19:05 BJT

06:00 – 06:05 EST time

Opening address

Prof. Zhen Fang

Session 1 – Chaired by Prof. Zhen Fang

19:05 – 19:30 BJT (20:05 – 20:30 Tokyo time)

Prof. Takafumi Sato (Utsunomiya University, Japan)

Hydrothermal decomposition of strawberry leaves for solid weight reduction and recovery of variable components

19:30 – 19:55 BJT (12:30 – 12:55 Berlin time)

Prof. Kai Zhang (Gottingen University, Germany)

Sustainable compounds in action

19:55 – 20:20 BJT

Dr. Lin Chen (Nanjing Agricultural University, China)

Mechanistic study of 5-hydroxymethylfurfural electrooxidation coupled with hydrogen production

20:20 – 20:45 BJT (12:20 – 12:45 Liverpool time)

Prof. Xin Tu (University of Liverpool, UK)

Plasma-enabled power-to-X for sustainable and decentralized fuel production

20:45 – 21:10 BJT

Dr. Fuqiang Chen (Ningbo University, China)

Effects of adding carriers on nitrogen removal performance and membrane fouling of PN/A MBR

Session 2 – Chaired by Prof. Janusz A. Kozinski

21:10 – 21:35 BJT (13:10 – 13:35 Oxford time)

Prof. Roland Turnell-Ritson (University of Oxford, UK)

Valorisation of biomass and plastic recycling – a sustainability perspective

21:35 – 22:00 BJT (14:35 – 15:00 Krakow time)

Prof. Aneta Magdziarz (University of Krakow, Poland)

CO₂ and steam gasification of food industry biomass waste: pathways to high-value biochars

22:00 – 22:25 BJT (09:00 – 09:25 Toronto time)

Prof. Animesh Dutta (Guelph University, Canada)

Sustainable biomass conversion: development of value-added bioproducts

22:25 – 22:55 BJT (09:25 – 09:55 EST)

Open Forum – Discussion

Chaired by Prof. Wo-na Ding and Prof. Zhen Fang

22:55 – 23:00 pm BJT

Closing remarks

Prof. Janusz A Kozinski

