



The 8th International Conference on Biorefinery and Biomanufacturing, ICB 2023

(The Second Announcement)

It is our great honor to invite you to the 8th edition of the **International Conference on Biorefinery and Biomanufacturing (ICB 2023)**, that will be held between **23-27th of July 2023 in Athens, Greece**. The conference is jointly organized by the Beijing University of Chemical Technology (BUCT), China, the University of Western Macedonia (UOWM), Greece and the University of Patras (UP), Greece. Previous editions were held in Beijing, China (2007), Philadelphia, United States (2009), Bruges, Belgium (2011), Xiamen, China (2013), Vancouver, Canada (2015), Christchurch, New Zealand (2017) and Johannesburg, South Africa (2019).

Over the years, ICB has become a traditional meeting place for international researchers, investors, and decision makers to meet and exchange ideas over the latest research and development in the field, to establish new connections and reinforce existing collaborations. As is well understood, the world's growing population and the limited availability of fossil-based resources to satisfy societal needs, demands giant advancements in finding and sustainably using our resources. To deal with these challenges, we need courageous and innovative ideas providing the spark that ignites their development, which requires the fostering of industrial-academic collaborations to turn them into real solutions.

We expect that the conference will attract over 300 participants with diverse

interests in the development of Biorefineries. We warmly encourage you to submit an abstract and participate at the ICB 2023. **The call for abstracts is open until the 31st of May 2023.** We also strongly encourage the participation of students, i.e., the future generation of scientists and researchers. The scientific committee, composed of recognized experts from the global biorefinery and biomanufacturing community, is committed to select the best papers and propose a high scientific level conference programme.

We would be excited if you join us in Athens at ICB 2023 so that we can together innovate the conversion of biomass / C1 into value-added products such as biofuels, biochemicals, bioenergy / biopower, and other biomaterials, while at the same time enhancing the quality of life on Earth.

Yours sincerely,

Conference Organizers

- University of Western Macedonia (UOWM), Greece
- University of Patras (UP), Greece
- Beijing University of Chemical Technology (BUCT), China

Supporting Organizers

- Region (Prefecture) of Western Macedonia, Greece
- World Bioenergy Association
- Khalifa University of Science and Technology, United Arab Emirates
- Biochemical Professional Board of Chemical Industry and Engineering Society of China
- C1 Biotechnology Professional Board of Chinese Society of Biotechnology

Conference Chairs

Prof. TAN Tianwei

President of Beijing University of Chemical Technology (BUCT)

Academician of Chinese Academy of Engineering

President of China Renewable Energy Society (CRES)

Prof. THEODOULIDIS Theodoros

Rector of University of Western Macedonia (UOWM), Greece

Organizing Committee

Chairs of Organizing Committee

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Department of Chemical Engineering, University of Western Macedonia (UOWM),
Greece

Prof. PAPADAKIS G. Vagelis

Department of Civil Engineering, University of Patras, Greece

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- ZHAO Liming, East China University of Science and Technology, China

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ZHANG Huili, Associate Professor, Beijing University of Chemical Technology, China

WANG Wen, Associate Professor, Beijing University of Chemical Technology, China

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- ZENG An-Ping, Westlake University, China
- ZHANG Ruihong, University of California, Davis, Professor, USA
- ZHAO Huimin, University of Illinois Urbana-Champaign, USA

TOPICS

- Bioenergy / Hydrogen

- Energy Storage
- Bio-catalysis
- Bio-manufacturing Technology
- Bio-based Materials and Chemicals
- Biotechnology Integrated Systems
- Synthetic Biology and Platform Technology
- C1-conversion Pathway and Technology
- Simulation and Design of Biorefinery Processes
- Synergies between Power-to-X and Biorefinery Technologies
- Policies, Management, Energy Economics & Regulations

REGISTRATION

Registration will proceed online and the conference website is <https://icb2023.com>

REGISTRATION FEES:

Early bird (before June 21): 500 € (industry and academics), 300 € (students)

Regular rate (after June 21): 600 € (industry and academics), 350 € (students)

PUBLICATIONS

- All submitted contributions of plenary, oral and poster presentations will be published online on the ICB 2023 Proceedings website.
- Each submission will be reviewed by 2 members of the ICB Scientific Committee which is composed of +100 leading scientific and industry experts from the global biorefinery and biomanufacturing community.
- Selected papers will be published in International Journals indexed by SCOPUS, including: **Biotechnology Advances** (Elsevier), **Frontiers of Chemical Science and Engineering** (Springer), **Fermentation** (MDPI), (Special Issue: Biorefinery and Biomanufacturing), **Biotechnology for Biofuels** (Springer Nature), **Green Energy and Sustainability** (Pivot), **Discover Chemical Engineering** (Springer, Special Issue: CO₂ capture and utilization via heterogeneous catalytic

reactions)

IMPORTANT DATES

- Abstract submission: 31/05/2023
- Notification of abstract acceptance: 14/06/2023
- Early bird registration: 21/06/2023

CONTACT US

Conference Secretariat: Dr.Nikolaos Charisiou

ncharisiou@uowm.gr

biorefinery@mail.buct.edu.cn

<https://icb2023.com>

T: +302461056617



UNIVERSITY OF
WESTERN MACEDONIA



UNIVERSITY OF
PATRAS
ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΑΤΡΩΝ

Schedule:

7/23/2023	Whole Day	Registration	
7/24/2023	Morning	Opening Ceremony and Plenary Talks	
	Afternoon	Session I	
7/25/2023	Morning	Session II	
	Afternoon	Session II	Closing Ceremony
7/26/2023	Whole Day	Visiting activity	
7/27/2023	Return		