



## **The 8<sup>th</sup> International Conference on Biorefinery and Biomanufacturing, ICB 2023**

(The Second Announcement)

It is our great honor to invite you to the 8<sup>th</sup> edition of the **International Conference on Biorefinery and Biomanufacturing (ICB 2023)**, that will be held between **23-27<sup>th</sup> 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), Syracuse, 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 31<sup>st</sup> 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
- Center for catalysis and separations (CeCaS), 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**

**Prof. GOULA A. Maria**

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

**Prof. PAPADAKIS G. Vagelis**

Department of Civil Engineering, University of Patras, Greece

**Members of Organizing Committee (Continue to update...)**

- AL-SALEM SM, Kuwait Institute for Scientific Research, Kuwait
- ANGELIDAKI Irene, Technical University of Denmark
- ANTONIADOU Maria, Department of Chemical Engineering, University of Western Macedonia, Greece
- BANSODE Atul, Technical University Delft, Holland
- CHARISIOU Nikolaos, University of Western Macedonia, Greece
- CONSTANTINOU Achilleas, Cyprus University of Technology, Cyprus
- DELIGIANNAKIS, Yiannis, University of Ioannina, Greece
- DIMITRATOS Nikolaos, University of Bologna, Italy
- FEI Qiang, Xi'an Jiaotong University, China
- FENG Lu, Norwegian Institute of Bioeconomy Research, Norway
- FENG Yan, Shanghai Jiaotong University, China
- GOULA Maria, Department of Chemical Engineering, University of Western

Macedonia, Greece

- GUO Kai, Nanjing Tech University, China
- GRAMMELIS Panagiotis, Centre for Research and Technology-Hellas, Greece
- IOANNIDES Theophilos, Research Director, FORTH/ICE-HT, Greece
- JIANG Min, Nanjing Tech University, China
- JIANG Xingyu, Southern University of Science and Technology, China
- JIN Mingjie, Nanjing University of Science and Technology, China
- KALOGIANNIS Konstantinos, University of Western Macedonia, Greece
- KONSOLAKIS Michalis, Technical University of Crete, Greece
- KORNAROS Michael, University of Patras, Greece
- Lars M. Blank, RWTH Aachen University, Germany
- LAPPAS Aggelos, Centre for Research and Technology-Hellas, Greece
- LI Hua, Professor, Nanjing Agricultural University, China
- LI Jingping, Uppsala University, Sweden
- LIU Guangqing, Beijing University of Chemical Technology, China
- LIU Luo, Beijing University of Chemical Technology, China
- LOULOUDI Maria, Department of Chemistry, University of Ioannina, Greece
- LV Yongqin, Beijing University of Chemical Technology, China
- MARNELLOS George, Department of Mechanical Engineering, University of Western Macedonia, Greece
- PAPADAKIS Vagelis, Department of Civil Engineering, University of Patras, Greece
- POLYCHRONOPOULOU Kyriaki, Khalifa University of Science and Technology, United Arab Emirates
- REN Zhongqi, Professor, Beijing University of Chemical Technology, China
- SKIADAS Ioannis, Technical University of Denmark
- TRIANTAFYLLIDIS Konstantinos, Professor, Department of Chemistry, Aristotle University of Thessaloniki, Greece
- WANG Fenghuan, Beijing Technology and Business University

- WEI Dongzhi, East China University of Science and Technology, China
- YUAN Qipeng, Beijing University of Chemical Technology, China
- ZHANG Xu, Beijing University of Chemical Technology, China
- ZHAO Liming, East China University of Science and Technology, China

### **Secretariat of Organizing Committee**

CHARISIOU Nikolaos, Department of Chemical Engineering, University of Western Macedonia, Greece

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

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

### **Scientific Committee (Continue to update...)**

- CHEN Guoqiang, Tsinghua University
- BAEYENS Jan, Katholieke Universiteit Leuven, Belgium
- BAYER Edward, The Weizmann Institute of Science, Israel
- BI Xiaotao, University of British Columbia, Canada
- IRINI Angelidaki, Technical University of Denmark, Denmark
- LEE Sang Yup, Korea Advanced Institute of Science and Technology, Republic of Korea
- LYBERATOS Gerasimos, National Technical University of Athens, Greece
- MANTZAVINOS Dionyssis, University of Patras (UP), Greece
- NIELSEN Jens, BioInnovation Institute, Denmark Chalmers University of Technology, Sweden
- TAN Tianwei, Beijing University of Chemical Technology, China
- VLACHOS Dion, University of Delaware, USA
- VOLKER F. Wendisch, Bielefeld University, Germany
- WANG Aijie, Harbin Institute of Technology( HIT), China
- ZABANIOTOU Anastasia, Aristotle University of Thessaloniki, Spain
- ZENG An-Ping, Westlake University, China
- ZHANG Ruihong, University of California, Davis, 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: CO<sub>2</sub> capture and utilization via heterogeneous catalytic reactions), **Bioresources and Bioprocessing** (Springer)

## 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		

## Hotels Information:

- Golden Age of Athens - <https://hotelgoldenage.com/> (Conference Venue)
- Holliday suites - <https://www.holiday-suites.com/en/> (We have been offered single rooms for 140 EUR per night, contact can be made with info@cpathens.com)
- Ilisia Hotel - <https://www.ilisiahotel.gr/el/> (We have been offered single rooms for 110 EUR per night and double rooms for 120 EUR per night. Reservations can be made by filling in the attached word file. Please email it to info@ilisiahotel.gr)
- Crowne Plaza  
[-https://www.ihg.com/cn/crowneplaza/hotels/cn/zh/reservation](https://www.ihg.com/cn/crowneplaza/hotels/cn/zh/reservation)

(Single rooms around 160 EUR per night, double rooms around 170 EUR per night. Book online or call: 877-424-2449)