



# IAQVEC<sup>\*</sup> NEWSLETTER

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\*ASSOCIATION FOR INDOOR AIR QUALITY, VENTILATION AND ENERGY CONSERVATION IN BUILDINGS



◀ The International Conference Hall on the 7F of the Conference Tower

(see the [IAQVEC2023 details](#) • P.2)



**THE 11TH INTERNATIONAL  
IAQVEC CONFERENCE**

**20-23 MAY, 2023, TOKYO, JAPAN**

We are happy to inform you that the 11th International Conference on Indoor Air Quality, Ventilation & Energy Conservation in buildings (**IAQVEC2023**), will be held in Tokyo, May 20-23, 2023. IAQVEC is a well-established conference series, and the first IAQVEC conference was held in Montreal in 1992. The conferences cover a wide range of key research areas with the goal of simultaneously improving indoor environmental quality (IEQ) and energy efficiency to enhance well-being and sustainability.

IAQVEC2023 has received over 510 abstract submissions and accepted over 370\*\*\* papers from 49 countries, making it one of the largest conferences in Japan related to the built environment this decade. This conference is also the first full-fledged international conference to be held in person in Japan since the COVID-19 pandemic began.

We look forward to welcoming you to an inspiring, educational, and enjoyable conference.

## VENUE

The conference will be held at the conference tower, 6F & 7F, in Tokyo Big Sight which is the largest international exhibition center in Japan. Opening & Closing ceremonies, plenary, and keynote lectures will be carried out at the international conference hall on 7F, where 1,000 audience members can attend.

## UPCOMING CONFERENCE DETAILS

• P.2

### **Newsletter Production Team**

- *Rafaela Orega Panizza*
- *Leila Rafati Sokhangoo*
- *Arash Hosseini Gourabpasi*  
*Concordia University, Montreal*

# CONFERENCE PROGRAM

The Conference program is groundbreaking with its diverse range of topics including critical and emerging issues on 1. Indoor Environmental Quality (IEQ), Human Health, Comfort, and Productivity; 2. Ventilation and Airflow in buildings; 3. Energy Efficient and Healthy HVAC Systems; 4. Nearly Zero Energy Buildings and Smart Energy Community (Micro to Macro-Scale); 5. Outdoor Thermal Environments and Impacts of Heat Island Phenomena. The conference features 83 oral sessions with 343 speakers and 106\*\*\* poster presentations. In addition, there are 2 plenary and 4 keynote speeches given by world-renowned invited speakers. Simultaneously, unique seminars and workshops will also be held.

## PLENARY SPEAKERS



Professor at the University of Tokyo and Vice President of Science Council of Japan

DR. YUKARI TAKAMURA



Professor Emeritus at the University of Tokyo and President of the National Institute for Environmental Study

DR. MASAHAIDE KIMOTO

## KEYNOTE SPEAKERS



Professor at the University of Strathclyde and Immediate Past President of IBPSA

DR. LORI MCELROY



Professor at the Technical University of Denmark and President of IABP

DR. CARSTEN RODE



Professor at the University of California Berkeley

DR. STEFANO SCHIAVON



Associate Professor at Tsinghua University and President of ISIAQ

DR. YING XU

## SEMINARS AND WORKSHOPS

### SEMINAR: **HEALTHY INDOOR ENVIRONMENT IN EXTREME CLIMATE REGIONS**

CHAired BY: DR. BOUALEM OUAZIA

### SEMINAR: **COVID-19 PANDEMIC AND BEYOND: MASKING AND UVGI FOR AIRBORNE RISK REDUCTION**

CHAired BY: DR. LEXUAN ZHONG

### **HIGH SCHOOL SESSION**

PRESENTED BY JAPANESE HIGH SCHOOL STUDENTS WHO SUPPORT THE FUTURE

### WORKSHOP: **OCCUPANT TARGETED VENTILATION FOR REDUCTION OF ENERGY USE IN BUILDINGS**

CHAired BY: DR. ARSEN MELIKOV

### WORKSHOP: **CAN GAS PHASE AIR CLEANING TECHNOLOGY PARTLY SUBSTITUTE FOR REQUIRED VENTILATION?**

CHAired BY: DR. BJARNE OLESEN AND DR. ALIREZA AFSHARI

### WORKSHOP: **IEA ESTCP ANNEX37, OPEN QUESTIONS AND EXPERIENCE-BASED PERSPECTIVES CONCERNING SMART DESIGN AND CONTROL OF ENERGY STORAGE SYSTEMS**

CHAired BY: DR. MARIA FERRARA AND DR. ALIREZA AFSHARI

## EXCURSION

After the conference ends, a morning excursion trip is scheduled for May 24th to showcase award-winning buildings and research facilities in Japan that use advanced technology for indoor environmental quality, ventilation, and energy conservation. Attendees can choose from two courses: the Tokyo metro course, which visits zero-energy office buildings, Shinryo Shinjo Building, and DaiyaGate Ikebukuro (both of which won ASHRAE first-place technology awards) in Tokyo, or the Research Lab course, which tours the Takasago Innovation Center in Tsukuba-Mirai city.

FOR MORE DETAILS ABOUT IAQVEC  
2023, VISIT THE CONFERENCE WEBSITE

[HTTP://IAQVEC2023.ORG](http://iaqvec2023.org)

# IAQVEC ASSOCIATION

## MORE ABOUT US

**Tokyo Big Sight** ➤  
Conference venue



## JOINING IAQVEC ASSOCIATION

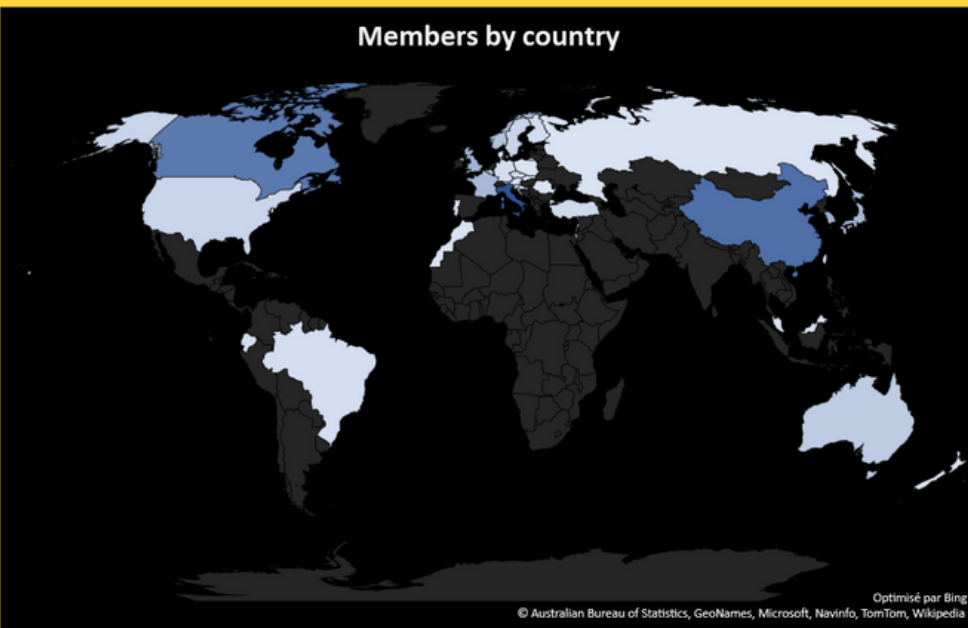
and subscription to the newsletter

CONTACT PATRICE BLONDEAU AT:  
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## ASSOCIATION'S GOALS:

- PROMOTE SCIENTIFIC, TECHNOLOGICAL AND TECHNICAL ADVANCES RELATED TO IAQVEC FIELDS AT AN INTERNATIONAL LEVEL
- DEVELOP AND DISSEMINATE KNOWLEDGE AND SPREAD INFORMATION RELATED TO IAQVEC
- PROMOTE AND ORGANIZE IAQVEC CONFERENCES

### Members by country



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Current membership demographic based on location

## CURRENT BOARD OF DIRECTORS

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**GUOQIANG (GEORGE) ZHANG**, MEMBERSHIP CO-CHAIR  
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**JENSEN ZHANG**, SPONSORSHIP AND RELATIONS CORPORATE CO-CHAIR  
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