# The 4th Aquaphotomics International Conference

# **Exploring Water Molecular Systems in Nature**

March 20 - 22, 2021

Centennial Hall, Kobe University

1 Rokkodaicho, Nada Kobe, Hyogo, Japan

www.aquaphotomics.com/conference/

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### **Request for Sponsorship**

Dear Sir/Madam,

Sponsorship is one of the best ways to brand your organization as a leader of scientific and technological innovation. Following the success of our previous symposia held in Brussels, Belgium in 2014 and in Kobe, Japan in 2016 and 2018, we are proud to announce that the 4th Aquaphotomics International Conference "Exploring Water Molecular Systems in Nature" will be held on March 20 - 22, 2021 in Kobe, Japan. The conference will gather scientists, innovators and explorers from all corners of the world to present and discuss their findings on various aspects of water molecular systems in nature.

As a sponsor of the Aquaphotomics Conference, your organization not only supports communication and advancements in the interdisciplinary research of water-light interaction and related applications in technological field on a global level, but it also offers you the opportunity to reach out to a variety of individuals from all around the world with your message, share your expertise and advance interest in your work. The conference offers a variety of sponsorship opportunities. Please take a moment to review and select the sponsorship package that best fits your business and budget.

Sincerely,

Aquaphotomics International Society

#### Official Name

- The 4th Aquaphotomics International Conference "Exploring Water Molecular Systems in Nature"
- Japanese: 第四回アクアフォトミクス国際学会

#### Organizer

- Aquaphotomics International Society
- Biomeasurement Technology Laboratory, Faculty of Agriculture, Kobe University

Date	March 20 – 22, 2021
Venue	Centennial Hall (Rokko Hall), Kobe University
Website	www.aquaphotomics.com/conference/

## **Purpose of the Conference**

The importance of water molecular systems in nature has not been well explored and recognized. In recent years, along with the advancement of computer science, data analysis and new measurement technologies, water has been studied by scientists and researchers in a wide variety of disciplines.

In 2005, Prof. R. Tsenkova from the Biomeasurement Technology Laboratory at Kobe University proposed the new discipline of "Aquaphotomics", as a new scientific field to understand the role of the water molecular systems in nature using light spectroscopy. By monitoring water spectrum of bio and aqueous systems perturbations, various under Aquaphotomics presents water spectrum as integrative bio collective marker, а molecular and energy mirror, epitomizing the respective system.

In October 2014, we organized the 1st International Symposium in Aquaphotomics as a part of the Kobe University Symposium held at its European Office in Brussels, Belgium. Researchers from 11 countries attended and gave presentations spanning a wide range of fields including biology, nanotechnology, spectroscopy and food science. Since then, Aquaphotomicsrelated joint research and projects, such as the EU Project (2015-2020) in Trakia University (Bulgaria), resulted in many successful collaborations and co-authored publications.

On November 26 – 29, 2016, the 2nd Aquaphotomics International Symposium was held at Kobe University, Japan. The leading expert in the field of Aquaphotomics and the chairperson of the symposium, Prof. R. Tsenkova introduced the latest research results to the audience. In addition to lectures given by Prof. G. Polack (University of Washington, USA), Prof. M. Yasui (Keio University, Japan), and others, there were also poster session, exhibition and presentations held by our industrial partners to showcase their technologies. The Aquaphotomics workshop and "Aquaphotomics Introduction" open seminar was also well-received. The symposium was concluded with a study tour to Mount Koya and a discussion session at the end of the tour.

The 3rd Aquaphotomics International Symposium was held in Awaji Yumebutai International Conference Center in 2018. Lectures by Professor Hiroo Hamaguchi (National Chiao Tung University, Taiwan), Professor Gerald Polack (University of Washington, USA), Professor Christian Huck (University of Innsbruck, Austria), Professor Craig Schwartz (University of California, Berkeley, USA) and many others were held. Workshop, exhibition and poster session were also organized.

The 4th Aquaphotomics International Conference will be held on March 20 – 22, 2021 in Centennial Hall, Kobe University.

In this international conference, water measurement and analysis technologies in various fields such as bio, medical, pharmaceutical, food, agriculture, forestry, fishery, energy, chemistry, materials, civil engineering, construction, resources, environment, weather, the earth, space, and many other areas will be covered.

Thank you for your generous support and cooperation. We look forward to welcoming you at the conference.

> Chairperson Roumiana Tsenkova

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## **Speaker List**

- Antonella De Ninno, Italian Nuclear Energy Committee (ENEA, C.R. Frascati, Roma), Italy
- Christian Huck, University of Innsbruck, Austria
- Craig Schwartz, SLAC at Stanford University, Lawrence Berkeley Lab, Berkley, USA
- Gerald Pollack, University of Washington, USA
- Hiromichi Hoshina, *RIKEN, Japan*
- Hiroo Hamaguchi, National Chiao Tung University, Taiwan
- Jack Tuszynski, University of Alberta, Canada
- Koichiro Tanaka, Kyoto University, Japan
- Masato Yasui, Keio University, Medical School, Japan
- Xueguang Shao, Nankai University, China

## **Sponsorship Packages**

	Lecture	Exhibition Booth (poster and advertising material)	Handouts distribution during conference and advertising material in the proceedings (USB) (A4-sized, 1 page)	Waiver of participation fee
500,000 JPY	0	0	0	2
300,000 JPY	×	0	0	1
100,000 JPY	×	×	0	1

Note: Lecture and poster presentation can be either in English or Japanese. For presentation slides and exhibition materials, please try to use English as much as possible.

### Inquiries

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