

Second Circular

**The 5th Aquaphotomics
International Conference**

**The Way of Water & Light,
The Path of Life**

May 17 – 21, 2025

Rokko Hall
Centennial Hall, Kobe University

1-1 Rokkodaicho, Nada
Kobe, Hyogo, Japan

www.aquaphotomics.com/conference/



Aquaphotomics

On Behalf of the Organizing Committee of the 5th Aquaphotomics International Conference

WELCOME TO AQUAPHOTOMICS

The role of water molecular systems in nature remains underexplored. With advancements in computer science, measurement technologies and quantum field theory, water research has gained attention across disciplines.

In 2005, Prof. R. Tsenkova of Kobe University introduced “Aquaphotomics,” a scientific field that studies water’s molecular system through light spectroscopy. By analyzing water spectra under various conditions, Aquaphotomics identifies water as an integrative multidimensional biomarker reflecting the molecular and energy states of systems.

Since the first Aquaphotomics symposium in 2014, the field has grown through active collaboration, with contributions from experts such as Prof. G. Pollack (University of Washington), Prof. Y. Ozaki (Kwansei Gakuin University), Prof. M. Yasui (Keio University), Prof. Christian Huck (University of Innsbruck) and others. The 5th International Conference celebrates Aquaphotomics' 20th anniversary, featuring keynote speakers like Prof. S. Roke (EPFL, Swiss), Prof. G. Vitiello (University of Salerno, Italy), Dr. Anirban Bandyopadhyay (NIMS, Japan), Prof. H. Zang (Shandong University, China). Events include an Aquaphotomics School, open lecture, sessions on various scientific fields and awards for best poster and most active Aquaphotomics team.

Water research is crucial in today’s interdisciplinary landscape, with innovations in measurement devices promising breakthroughs in disease diagnosis, prevention, agriculture and industry applications, wellbeing etc. This conference welcomes contributions from various fields, from biology and medicine to agriculture, chemistry, and space exploration, aiming to advance water molecular system research and its applications.

This year’s conference is uniquely positioned to provide a comprehensive experience by aligning with the much-anticipated EXPO OSAKA 2025. This strategic scheduling offers our participants the opportunity to not only engage with cutting-edge Aquaphotomics research but also to immerse themselves in a world-class cultural and technological exposition.

We invite your participation to make this milestone event a success.

Chairperson and Founder of Aquaphotomics

Prof. Roumiana Tsenkova



Aquaphotomics

Information

Title

The 5th Aquaphotomics International Conference

Organizer

Aquaphotomics International Society

Date

May 17 (Sat) – 21 (Wed), 2025

May 17: Open lecture, Aquaphotomics School

May 18 – 20: Science sessions

May 20 – 21: Study tour

Venue

Rokko Hall, Centennial Hall, Kobe University
Kobe, Hyogo, Japan

Website

<https://www.aquaphotomics.com/conference/>

Committee

Honorable Chair : Mutsuo IWAMOTO

Chair : Roumiana TSENKOVA (Kobe University)

Vice Chair : Masato YASUI (Keio University)

Vice Chair : Christian HUCK (Innsbruck University)

International Advisor : Yukihiro OZAKI (Kwansei Gakuin University)

Registration

The registration method will be provided on the official conference website (scheduled to open in February 2025).

Open Lecture by Prof. Roumiana Tsenkova (Kobe University) and Others

May 17 (Sat) morning

Registration fee: 1,000 JPY (for both on-site and online attendance)

The public lecture will be delivered in Japanese.

Anyone who wants to learn about water is welcome to participate.

To participate, please complete the registration on the official conference website.



Centennial Hall



Rokko Hall

Program Overview

- Oral and poster presentations will be accepted.
- All sessions (Aquaphotomics School, open lecture and scientific sessions) will be recorded and filmed by the organizing committee. Participants will have access to the recordings at a later date. (Speakers who wish to decline being recorded are requested to inform the organizing committee in advance.)




Scientific Sessions

- Fundamentals
- Spectroscopy
- Data Analysis
- Materials
- Cell and Microbiology
- Food and Agriculture
- Pharmacology/Cosmetics/Medical/Chinese Medicine
- Light/Sound/Biomodulation
- Coherent states and scale free systems: water, mind and consciousness
- Biology and Quantum Electrodynamics

Schedule

	May 17 (Sat)	May 18 (Sun)	May 19 (Mon)	May 20 (Tue)	May 21 (Wed)
AM	Open Lecture	Opening Ceremony Scientific Session 1, 2	Scientific Session 5, 6	Scientific Session 9, 10	Study Tour
	Lunch break	Lunch break	Lunch break	Closing Ceremony	
PM	Aquaphotomics School Welcome Reception	Scientific Session 3, 4 Poster Session	Scientific Session 7, 8 Assembly Banquet	Study Tour	

Invited Speakers (in alphabetical order)

 <p>Anirban Bandyopadhyay</p>	 <p>Antonella De Ninno</p>	 <p>Christian Huck</p>	 <p>Giuseppe Vitiello</p>
<p>Senior researcher at Advanced Scanning Probe Microscopy group and Advanced Nano Characterization Center (ANCC) of the National Institute for Materials Science, Japan</p>	<p>PhD in physics, ENEA, Frascati, Rome, Italy</p>	<p>Professor, University of Innsbruck, Austria</p>	<p>Ph.D. in Physics, Honorary Professor at University of Salerno, Italy</p>
 <p>Hengchang Zang</p>	 <p>Jack Tuszynski</p>	 <p>Krzysztof B. Bec</p>	 <p>Masaru Tanaka</p>
<p>NMPA Key Laboratory for Technology Research and Evaluation of Drug Products, Director School of Pharmaceutical Sciences, Shandong University, China</p>	<p>DIMEAS, Politecnico di Torino, Torino, Italy, and Department of Physics and Department of Oncology University of Alberta, Edmonton, Alberta, Canada</p>	<p>Senior Postdoctoral Research Scientist (Project Manager - Projektleiter) at Leopold-Franzens, University of Innsbruck, Austria</p>	<p>Professor, Institute for Materials Chemistry and Engineering Department of Soft Materials at the Faculty of Mechanical Engineering, Kyushu University, Japan</p>
 <p>Masato Yasui</p>	 <p>Roumiana Tsenkova</p>	 <p>Shigeaki Morita</p>	 <p>Silvie Roke</p>
<p>Professor, Medical School, Keio University, Japan</p>	<p>Professor, Aquaphotonics Research Department, Graduate School of Agricultural Science, Kobe University, Japan</p>	<p>Professor, Osaka Electro-Communication University, Japan</p>	<p>Professor, Julia Jacobi chair in photomedicine, Laboratory for fundamental BioPhotonics (LBP), EPFL, Lausanne, Switzerland</p>
 <p>Stefka Atanassova</p>	 <p>Tiziana Cattaneo</p>	 <p>Zoltan Kovacz</p>	 <p>Aquaphotonics</p>
<p>Professor, Physics Department, Trakia University, Bulgaria</p>	<p>Research Director, Research Center for Engineering and Agri-food Transformations, Milano, Italy</p>	<p>Professor, Hungarian University of Agriculture and Life Sciences Budapest, Hungary</p>	

Registration

Online registration is scheduled to open in February 2025 on the [conference website](#). All amounts are tax included.

Registration Fee

Category	Early Bird Discount*	Full
Student (on-site)	7,000 JPY	9,000 JPY
Student (online)	5,000 JPY	7,000 JPY
Regular (on-site)	45,000 JPY	50,000 JPY
Regular (online)	35,000 JPY	40,000 JPY

* Early Bird Registration Deadline: **March 17, 2025**

Includes:

- Open Lecture (17th morning)
- Participation in scientific sessions on 18th, 19th, 20th
- Welcome reception (on-site only)
- Lunch box on 17th, 18th, 19th (on-site only)
- Online viewing of recorded sessions after conference

Abstract Submission

- Abstracts should be prepared according to the abstract template available on the conference website.
<https://www.aquaphotomics.com/conference/abstract-template/>
- Abstract submission deadline: **March 31, 2025**.
- When submitting an abstract, please indicate whether you wish to present an oral or poster presentation.
- All abstracts will be reviewed by the Scientific Committee. Accepted papers will be classified as oral or poster presentations and assigned a schedule within the program. Applicants will be notified of the results.
- Accepted abstracts will be made available on the conference website during the conference.

Aquaphotomics School (17th afternoon)

We will offer a beginner course for the general public who want to learn about Aquaphotomics, as well as an advanced course for those who wish to study it in more depth.

Courses	Fees
Beginner (ENG/JAP, 1.5 hrs)	3,000 JPY
Advanced (ENG, 3 hrs)	10,000 JPY
Beginner (ENG/JAP) & Advanced (ENG)	13,000 JPY

Includes:

- Participation in registered course(s) (on-site or online)
- Online viewing of recorded course(s) after conference

Welcome Reception (17th)

Venue: Takigawa Memorial Hall, Kobe University

Fee: 6,000 JPY (for participants attending only the Aquaphotomics School)

Banquet (19th)

Venue: The Garden Place Soshuen (<https://soshuen.jp/>)

Fee: 14,000 JPY

Study Tour (20th and 21st)

We will be visiting Tenkawa Shrine in Nara Prefecture and other Japanese cultural sites. Tenkawa Shrine is a sacred place surrounded by beautiful mountains and rich nature. Dedicated to Benzaiten, the goddess of music, arts, and water, it has a rich cultural significance. Musical instruments and other offerings are sometimes donated, creating a special atmosphere deeply connected to the arts. The drive from Yoshino is also scenic, making the journey part of the enjoyment. This spot is highly recommended for those interested in history and culture, those who want to enjoy nature, or those looking to refresh their mind.

Destination: Tenkawa Shrine, Nara, Japan

Date: May 20th – 21st

Fee: 30,000 yen (1 night, 4 meals, transportation included)

Accommodation: Hashimoto City, Wakayama

Please note that the number of participants is limited. Only those registered for the **scientific sessions** are eligible to apply for the study tour.



	5/20 (Tue)	5/21 (Wed)
AM	Conference closing ceremony	Breakfast
		Movie screening: <i>Pale Blue Dot: When You Smile</i>
Noon	Bus transfer & lunch	Bus transfer & lunch
PM	Tour of Yunosato Aquaphotomics Lab and conference wrap-up meeting	Visit Tenkawa Shrine
		Bus transfer (return to Yunosato), followed by departure.
	Dinner and overnight stay	

Please note: If you wish to have dinner and stay overnight on the 21st, kindly let us know in advance. Additional charges will apply.

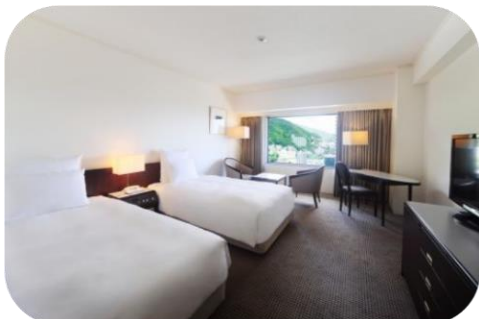
Cancellation Policy

- Cancellation before or on April 2 (Wed): Full refund
- Cancellation on and after April 3 (Thu): Non-refundable

Accommodations (17th – 20th)

The following hotels can be reserved at a special rate (limited number of rooms available) for those attending the conference.

ANA Crowne Plaza Hotel Kobe (<https://www.anacrowneplaza-kobe.jp/>)



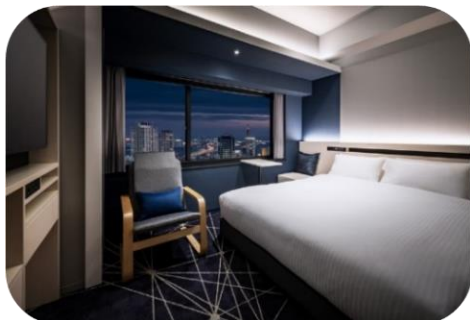
Rates

17th: 24,200 JPY (Check-in)
18th: 18,150 JPY (Breakfast included)
19th: 18,150 JPY (Breakfast included)
20th: – (Check-out. Breakfast included)
(Note: The listed rates are for one person. Double occupancy also available.)

Reservation

Please use the dedicated link on the [conference's official website](#).

REMM Plus Kobe Sannomiya (<https://www.hankyu-hotel.com/hotel/remm>)



Rates

17th: 30,250 JPY (Check-in)
18th: 15,400 JPY (Breakfast included)
19th: 15,400 JPY (Breakfast included)
20th: – (Check-out. Breakfast included)
(Note: The listed rates are for one person. Double occupancy also available.)

Reservation

Please call the hotel at (+81 078-571-0606) and mention that you are participating in the 5th Aquaphotomics International Conference to receive the special rate. Please note that this rate is not applicable if you book through the hotel's website.