

Update: March 1, 2021



The 7th Conference of the International Society
for Applied Phycology

ISAP 2021

Virtual

May 14, 2021 to August 13, 2021



<https://isap2020-phycology.org/>

Welcome to ISAP 2021

On behalf of the Local Organizing Committee (LOC) of Seventh Conference of the International Society of Applied Phycology (7th ISAP) and the Supporting Organizations (SO) such as Algae Biomass and Energy System R&D Center, University of Tsukuba (ABES) and Algae Industry Incubation Consortium Japan (AIIC), it is my great pleasure to welcome all of you to the 7th ISAP. The conference was originally planned on 19-24 April 2020 in Makuhari, Chiba, Japan, and postponed to 23-28 May 2021 in Tsukuba, Japan, and finally rescheduled to 14 May to 13 August 2021 to be transitioned to a “virtual format”.

In February 2020, under circumstances of the global COVID-19 outbreak, the LOC was forced to conclude to postpone the conference for one year. However, having closely observed the situation for the last 6 months, we must say that the uncertainties of the situation have not been removed, and this situation is likely to continue for a longer time.

It is very unfortunate that I lost the opportunities to welcome all of you in Chiba 2020 and Tsukuba 2021, although I am excited for the fact that we are still able to host the conference in an alternative way. The virtual conference resolves everybody's anxieties from high-risk-travel, and enables everybody to be part of it from their most comfortable places.

The last ISAP Congress held in Nantes, France appreciated the huge phycological diversity and the diversity of its biotechnological applications through the prism of a new and promising industrial sector in full development. This successful conference brought in more than 500 delegates from more than 30 countries. Taking over the scope of the last ISAP, the upcoming 7th ISAP highlights traditional, modern and future algae industries in Japan and other countries, from which all humankind reap benefits.

Now, with the support of EC and LOC, we are re-designing the conference into a virtual format. Most of the programs from the physical conference will remain unchanged, while adding more attractive and online-specific programs.

All the participants will obtain the rights to access all the contents of the conference, such as oral sessions, poster (or short presentation) sessions, special sessions, panel discussions, special lectures, keynote sessions, virtual tours, etc. Also, there will be multiple types of networking programs, such as B2B meeting, exhibition booth, and student & young researcher forum, to accelerate interactions among participants.

With effort of the LOC and SO, the new registration rates decreased to about half of the original rate, and even more for students, in the hope of getting more students to participate, to receive highest benefit. There will be a few sessions arranged only for students and young researchers, such as sponsored writing lecture, career workshop, etc. Grants and awards will also be available for students and young researchers.

I hope that the first virtual ISAP conference will bring all participants exhilaration and new experiences of presenting, learning, encountering, and interacting. I would be grateful for your participation to the conference to make the 7th ISAP successful and fruitful.

Sincerely,

M. M. Watanabe

Chair, 7th ISAP = ISAP2021 LOC



About the 7th Conference (ISAP 2020-2021-virtual)

After Almería-Spain in 2002, Kunming-China in 2005, Galway-Ireland in 2008, Halifax-Canada in 2011, Sydney-Australia in 2014 and Nantes-France in 2017, the committee presiding the International Society of Applied Phycology decided to trust a scientific team of ABES, University of Tsukuba, euglena Co., Ltd. and AIIC, Japan to organize the 7th ISAP in Chiba at Makuhari Messe from 19 to 24 April, 2020.

Previous ISAP Conferences had achieved the role of bringing the people with their knowledge & skills in the field of applied phycology to develop further potential in a commercial, remedial or regulatory context. The last 2017 Conference was to appreciate the huge phycological biodiversity and the diversity of its biotechnological applications through the prism of a new and promising industrial sector in full development.

Tribute to the past ISAP Congresses, the 7th ISAP is to bring back a place where people working in the field of applied phycology can gather. The congress contains full of interesting sessions, such as oral and poster sessions, exhibitions, tours, B2B networking sessions, as well as young algae scientist /entrepreneur sessions.

At the end of February 2020, under circumstances of the pandemic of COVID-19, the EC and LOC were forced to conclude to postpone the conference for one year. It was decided that the congress be postponed to 23 to 28 May, 2021 in Tsukuba at International Congress Center.

In the middle of August 2020, under the continuous situation of the COVID-19 pandemic, the EC and LOC were forced again to conclude that the uncertainties of the current situation have not been changed, and less likely there will be a drastic improvement before May 2021. Thus, the 7th ISAP has been moved to the online congress, starting from 14 May, 2021 until 13 August, 2021.

All the participants receive the rights to access all the sessions and to interact with other participants via online. The first virtual congress of the ISAP will bring participants the unknown number of exciting experiences of presenting, learning, encountering, and interacting, while keeping themselves in a safe and healthy environment.

Organizer: ISAP 2021 Local Organizing Committee

Chair: Prof. Dr. **Makoto M. Watanabe** | Director of ABES, U of T | President of AIIC Japan
Vice-Chair: **Mitsuru Izumo** | President of euglena Co., Ltd

Supporting Organizations:



筑波大学
University of Tsukuba

Algae Biomass and Energy System R&D Center (ABES), University of Tsukuba was as founded in 2015 as the first R&D center in the University of Tsukuba, with three distinctive natures; 1) Robust interdisciplinary research, 2) Expanded collaborations with Industry, and 3) Cultivation of industry-academia bridge making human resource, to commercializing new algae biomass technologies and inventions from discoveries made and developed at the University of Tsukuba.



Based on outdoor mass culture technology of *Euglena gracilis*, euglena Co., Ltd. was founded in 2005 as a venture company from the University of Tokyo. In addition to developing and selling health foods and cosmetics, we are conducting research towards the production of biofuels, carbon dioxide immobilization and water purification.



Algae Industry Incubation Consortium (AIIC) started with 7 researchers and 15 companies as prime movers in 2010 to contribute to the incubation of algae industry and actualization of low-carbon society, and shifted to general incorporated association in 2013. We work for the early establishment of algae industry.

General Information

Dates	<ul style="list-style-type: none"> ● On-demand from May 14, 2021 to August 13, 2021 ● Live Streaming (Panel discussion, General assembly) ● Online discussions (session interactions)
Venue	Virtual platform
Expected number of participants	500 (Overseas 400, Domestic 100)
Official language	English
Web	https://isap2020-phycology.org/

Congress Theme

The organizing Committees as a whole intend to favor sound contributions based on on-going research and will accept review and prospective presentations exceptionally on the basis of their relevance, originality and importance for the future of applied phycology.

Call for paper until October 15, 2021

https://isap2020-phycology.org/data/InstrForAuthors_ISAP_2021.pdf

Call for Abstract closed on December 15, 2020

Category

I. Organisms				
Macroalgae	Microalgae	N/A		
II. Research fields				
Biology	Process	Applications	Commercial products	Others
Biochemistry	Biorefinery	Antioxidant	Agriculture	Corporate introduction
Biodiversity	Cultivation	Biopolymers & bioplastics	Animal industry	Culture collection
Screening, selection & breeding	Enzymatic treatment	Bioremediation	Aquaculture	Project report
Cell biology	Extraction	CO ₂ capture & utilization	Cosmetics	Policy
Development	Harvesting	Harmful algae	Food science	Platform
Ecology	LCA	Methane & hydrogen generation	Human health	
Environment	Subcritical process & HTL	Rare metals recovery	Medical & pharmaceutical	
Omics	Modeling and in silico approach	Substance production		
Microbial interactions	Methodology & devices	Wastewater treatment		
Molecular biology				
Morphology & structure				
Photosynthesis				
Phylogeny & taxonomy				
Physiology				

- Abstracts will be selected by the International Advisory Committee, which will also chose the contribution that will be presented as oral presentations or as a poster.
- A special Issue of the Journal of Applied Phycology will bring together peer reviewed papers issued from Oral and Poster presentation of the 7th Congress of the ISAP.

Program -Contents



- All recorded presentations will be available On-demand from May 14, 2021 to August 13, 2021.
- Q&A field for each On-demand presentation will be open for a limited amount of time.
- Each session will have a day for Open-Online-discussions.
- Panel discussion and General assembly will be steamed live.

Registration

Registration		Early Bird before March 31, 2021	Standard April 1, 2021 to end of the conference
All fees are quoted in <u>Japanese Yen</u> .			
Corporate	ISAP / AIIC Member	45,000-	55,000-
	Non-ISAP Member	53,000-	63,000-
Academic Government	ISAP / AIIC Member	35,000-	45,000-
	Non-ISAP Member	43,000-	53,000-
Student	ISAP Member	8,000-	13,000-
	Non-ISAP Member	13,000-	18,000-

[Included in Registration fee]

- ✓ Three month access to all on-demand-session, and access to all live-streaming-sessions, and other all programs
- ✓ Download abstracts and program
- ✓ Non-ISAP member fees include ISAP membership for the next three years.
- ✓ Posting on B2B board (maximum 50 people).

[Register from here](https://reg.c-linkage.co.jp/7thisapentry/registration.php)

<https://reg.c-linkage.co.jp/7thisapentry/registration.php>

Exhibit Booth

Exhibiting at the ISAP 2021 allows you to expose your company/organization to the most influential audience of the world macro/micro-algae market. Showcase your product, service, and/or project and draw attention from new customers and/or collaborators.

The exhibitors receive exposure to every sector of the industry: algae crop growers, product developers, IT specialists, municipal leaders, technology providers, research scientists, equipment manufacturers, constructors, investors and policy makers. Every product class will be represented; food and food ingredients, fish and animal feeds, fertilizers, supplements, biofuels, bioplastics and more.

Take advantage of a beautiful opportunity to promote your company/organization in ISAP 2021.

Exhibit booth		Early Bird before March 31, 2021	Standard April 1, 2021 to April 30, 2021
All fees are quoted in <u>Japanese Yen</u> .			
Corporate Booth *a registration ticket is included.		73,000-	83,000
Academic/Government Booth *a registration ticket is included.		63,000-	73,000-
Sponsor Booth (discount rate) *a registration ticket is not included in the booth	Platinum	0	0
	Gold	0	0
	Silver	10,000-	10,000-

[Included in Exhibit Booth Package]

- ✓ Your institute logo on the conference website and platform
- ✓ Introductory of your institute, product, service, etc. by presentation
- ✓ One registration ticket for Corporate/Academic/Government booth
- ✓ Sponsor booth do not include additional registration ticket

[Register from here](https://reg.c-linkage.co.jp/7thisapentry/registration.php)

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Contacts

Conference Secretariat

Local Organizing Committee of ISAP2021

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Sponsorship & Exhibit offers

ISAP 2021 offers your company/organization great opportunities to conduct public relation activities. We are pleased to announce that there are wide varieties of the sponsorship options, which shall meet your interest as shown in the table below.

Sponsorship & Exhibit

Rank	Platinum JPY 1,000,000-	Gold JPY 500,000-	Silver JPY 200,000-	Awardee+ JPY 50,000-
Logo on ✓ Website ✓ Program ✓ Platform <small>*Additional logo on Student Forum session</small>	Large Logo on top the list	Medium Logo	Logo	Logo*
Company introductory on ✓ Abstract booklet ✓ Website	2 pages ○	1 pages ○	Half page -	- -
Full delegate	7	5	2	-
B2B board posting priority	1	1	-	-
Exhibit booth <small>*complimentary one booth **with extra fee of JPY 10,000- per booth</small>	1*	1*	0**	-

* Sponsorship for student and young researchers, such as 1) supporting registration fee, 2) hosting a session for student and young researchers, 3) providing awards, etc.

[Application form from here](https://isap2020-phycology.org/data/ISAP2021_sponsorship-applicationform.pdf)

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