



# 6<sup>TH</sup> CONGRESS OF THE INTERNATIONAL SOCIETY FOR APPLIED PHYCOLOGY

18<sup>TH</sup> TO 23<sup>RD</sup> JUNE 2017

LA CITÉ NANTES EVENTS CENTER NANTES FRANCE

[HTTPS://ISAP2017.SCIENCESCONF.ORG](https://isap2017.sciencesconf.org)

As one of the largest and high scientific level conference of the World on applied phycology, the 6<sup>th</sup> ISAP congress offers access to the more recent advances on macroalgae and microalgae biotechnology research. This edition will focus on the issues and the solutions concerning the developing of algae industry and on enhancing the continuum between academic and applied research, innovation and products. For the first time, a B2B session will take place to offer opportunities both for academics and industrialists, and a special session dedicated to companies will allow debates around the most innovative progresses. In order to help to the promotion of your institution/company among the very qualified public of the congress the organizers are pleased to propose you several sponsorships offers all along the conference week.

## About the 6<sup>th</sup> Congress of International Society for Applied Phycology

After Kunming (2005), Galway (2008), Halifax (2011), and Sydney (2014), the committee presiding the International Society of Applied Phycology (<http://www.appliedphycologysoc.org/>) decided to trust a scientific team of Western France to organize the 6<sup>th</sup> congress of the society in Nantes at La Cité Nantes Events Center from June 18<sup>th</sup> to 23<sup>rd</sup> 2017. Indeed, with over 300 people working in its universities and research centers and more than 150 businesses, Western France is a European hotspot for the transfer and industrial development of marine biotechnology.

Previous ISAP Congresses have seen the role of applied algal biotechnology and their potential developed in a commercial, remedial or regulatory context. In 2014, the theme of ISAP was chosen to reflect on the actual successes of algae applications as they already represent a sustainable and relevant field of biotechnology.

In 2017 the scope of the 6<sup>th</sup> edition of ISAP congress is 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. The Congress will include speakers and posters presentations, exhibitors and for the first time a B2B session to meet the rights partners.

Organized by



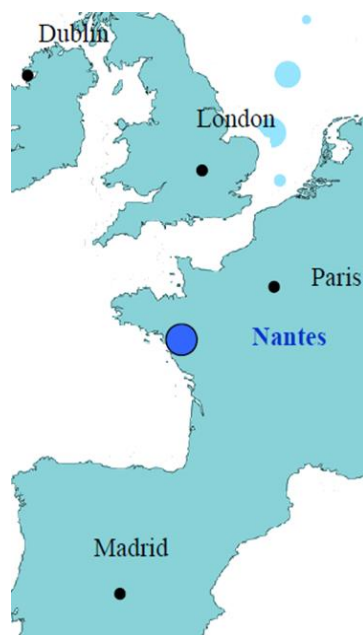
UNIVERSITÉ DE NANTES





## Where and When

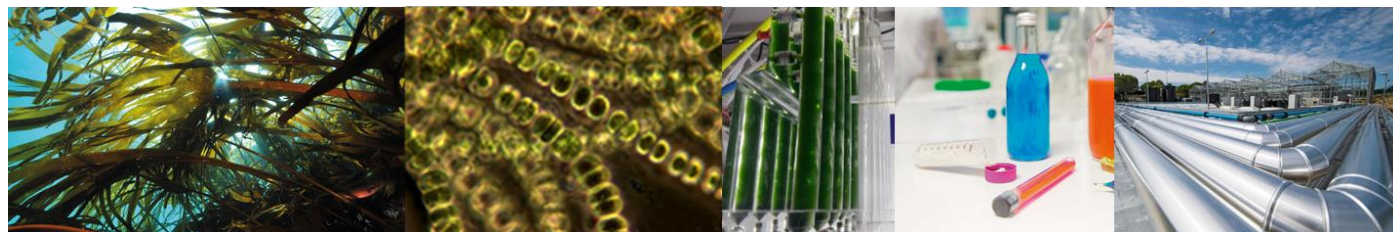
- Nantes – Western France
- at La Cité Nantes Events Center
- from Sunday 18<sup>th</sup> to Friday 23<sup>rd</sup> June 2017



## How many attendees

Previous Congress editions in Europe gathered more than 400 participants from 43 countries all over the world and held workshops with numerous companies interested on the Industry-Academia relationships.

For this edition, between 400 and 500 persons from academics and industrial sector are expected and a special focus is given to the development of the algae industry through a B2B session and a special oral session dedicated to companies.



Organized by

## Content

### Innovative and original communications

More than 130 speakers  
Oral session for industrialists  
100 + posters



### Industrial-Academic relationships

B2B sessions  
Match-making sessions  
Exhibition



### Events and visits

R&D facilities visits  
Social events  
General Public conference



## Congress Themes

- **Sourcing and Biology**  
Collections, Biodiversity (Cruises), Screening, Selection and optimization, Algae genetics and reproduction, Algae “omics”, Algal chemical profiles, Photophysiology (Autotrophy, Heterotrophy)
- **Processing and culture**  
Photobiotechnology (Process design, Gas transfer), Nutrients (N, CO<sub>2</sub>, P...), Integrated systems, Biorefinery concepts, water management and treatment, Harvesting, downstream processing.
- **Applications**  
Aquaculture, Biofertilisers, Biofuels, Cosmetics, Biomaterials, Health & Nutrition, High value products
- **Large scale and Industry**  
Cyanobacteria and microalgae industry, Life Cycle Analysis, R&D facilities for proof of concepts, Seaweed industry, Technico-economical modeling, International Benchmarking, Intellectual and industrial properties, Risks (predation, diseases, dissemination, pollution).

Organized by



UNIVERSITÉ DE NANTES



## Provisional Program

	Sunday 18 June	Monday 19 June	Tuesday 20 June	Wednesday 21 June		Thursday 22 June	Friday 23 June	
08:00 – 08:30		<b>Welcoming</b>		<b>Facilities visits :</b> AlgoSolis R&D, Univ Nantes MMS, Ifremer				
08:30 – 09:30		<b>Opening</b>	<b>Industry session</b>			<b>Touristic tours</b>	<b>Process session</b>	<b>Biology session</b>
09:30 – 10:30		<b>Biology session</b>						
10:30 – 11:00		Coffee Break	Coffee Break				Coffee Break	Coffee Break
11:00 – 12:00		<b>Biology session</b>	<b>Industry session</b>		<b>Process session</b>	<b>Biology session</b>		
12:00 – 13:00								
13:00 – 14:00		Lunch Break	Lunch Break	Lunch Break		Lunch Break	Lunch Break	
14:00 – 15:00		<b>Process session</b>	<b>Applications session</b>	<b>Sponsors and industrials conferences (Innovation)</b>		<b>Industry session</b>	<b>Poster session 2</b>	
15:00 – 16:00				Coffee Break	Coffee Break		<b>Applications session</b>	
16:00 – 16:30		Coffee Break	Coffee Break	<b>B2B meetings</b>	Matchmakings & Panel discussions & Student events	Coffee Break		
16:30 – 17:00		<b>Poster session 1</b>	<b>Poster session 1</b>			<b>Poster session 2</b>	<b>Conclusions</b>	
17:00 – 17:30		<b>Process session</b>	<b>Applications session</b>			<b>Industry session</b>		
17:30 – 18:30	<b>Welcoming at La Cité</b>							
18:30 – 19:00	<b>Ice Breaking Cocktail at La Cité</b>	<b>ISAP General Assembly</b>	<b>Special awards Gala diner «les Machines de l’Ile»</b>	<b>«Fête de la Musique» – Free concerts in Nantes streets</b>		<b>Conference «Grand Public» in french</b>		
19:00 – 20:00								
20:00 – 20:30								
21:00 – 22:00								
22:00 – 23:00								

## Chairmen and local organizing committee

- **Pascal Jaouen** Co-Chairman, Nantes University - CNRS
- **Jean-Paul Cadoret** Co-Chairman, Greensea
- **Valéria Montalescot** Scientific & administrative Officer, Nantes University
- Jean-Michel Pommet AlgoSource Group
- Benoît Schoefs Le Mans University, MMS Laboratory
- Gael Bougaran Ifremer, Biotechnology of Algae Laboratory
- Frédéric Ravilly Atlanpole / PMBA (Western-France marine competitiveness Cluster)
- Justine Dumay Nantes University, MMS Laboratory
- Jack Legrand Nantes University, GEPEA-CNRS Laboratory
- Philipp Hess Ifremer, Phycotoxin Laboratory

### GEPEA CNRS – Nantes University

GEPEA Laboratory was created in 2000. It brings together the Process & Bioprocess Engineering research teams of Nantes University, École des Mines of Nantes and ONIRIS of Nantes (235 persons as a whole). GEPEA is a Joint Research Unit of the CNRS – the French National Center for Scientific Research. The scientific staff working at GEPEA is organized in 5 teams with 2 main scientific axes: “Process for Bioressources” and “Ecotechnologies”. The team BAM (Bioprocesses Applied to Microalgae - 45 scientists, including 25 PhD students) is based at Saint-Nazaire, less than one km from AlgoSolis R&D platform.

Organized by

## Greensea

Greensea SA, based in Meze, southern France, was established in 1988 under the name of Aquamer and renamed in 2005. It is part of the GREENTECH Group based in Clermont-Ferrand. The company specializes in the cultivation of microalgae (phytoplankton) and large-scale recovery of compounds based on marine plants more generally. An asset of Greensea is the diversity of its culture systems: batch culture systems (Annular and disposable bags, photobioreactors), or continuous culture systems (tubular photobioreactor), representing a total of 100 m<sup>3</sup> and spanning over 800m<sup>2</sup>. With this production capacity, Greensea is actively present in several markets: aquaculture, cosmetic ingredients and fluorescent dyes, and plans to continue its expansion toward the nutraceutical industry, food and feed. A feature of Greensea is to have made the choice to bring a strong R&D team, showing there a genuine desire to promote innovation on the part of its decision-making bodies.

## AlgoSource Group

AlgoSource involves 2 subsidiaries: i) Alpha Biotech which produces microalgae and high added value molecules from microalgae since 1993 (one of the oldest microalgae companies in France) and ii) AlgoSource Technologies (AST), a spin-off of Nantes University and CNRS which develops all aspects of microalgae engineering from production, harvesting, drying, extraction and separation of relevant molecules (bio-refinery to valorize the entire biomass). AST also designs, installs and operates production unit (from 1 liter to several m<sup>3</sup> photobioreactors). Lastly, AST studies carefully the production of microalgae in the field of competitive advantage, i.e. coupling microalgae production and valorization of industrial resources like CO<sub>2</sub>, fatal heat, water, unused areas, etc.

## MMS Laboratory – Nantes University & Le Mans University

MMS research team develops multidisciplinary research on marine coastal and estuarine environments, their biodiversity, ecology, ecotoxicology and on metabolites produced by microorganisms such as microalgae and marine fungi. MMS research is shared between fundamental research and applications especially in health or agro-industrial domains. MMS researchers are mostly biologists, chemists and pharmacists recognized for their works on several fields e.g. hyperspectral remote sensing for mapping the spatial distribution of microphytobenthos, biodiversity and physiology of eukaryotic marine microorganisms, development of innovative methods for marine ingredients valorization in health, nutrition and cosmetics.

## Ifremer PBA Laboratory

The Physiology and Biotechnology of Algae Laboratory (PBA) is focused on acclimation and adaptation of microalgae to their changing environment and on interactions between microalgae and bacteria. The laboratory has two teams: the "Ecophysiology" team which develops original approaches and experimental tools to study acclimation to abiotic factors and the "Algae and Genomes" team which applies biochemical and molecular approaches as well as functional genomics tools to study microalgae metabolisms inherent to acclimation to physiological conditions.

## Atlanpole

As the technopole for the "Nantes Atlantique" economic area, a lead facilitator, joint facilitator, and/or partner for several innovative clusters, ATLANPOLE plays a key role within the main area of innovation in Western France.

Organized by



UNIVERSITÉ DE NANTES



ATLANPOLE boasts a European Business Innovation Center and is accredited as a Business Incubator by the French Ministry of Research. It fosters the emergence, creation and development of innovative companies, thanks to a team of experienced professionals, to a network of appropriate skills and to the ability to attract external funding.

### Pole Mer Bretagne Atlantique: an economic competitiveness Cluster

Pôle Mer Bretagne Atlantique cluster aims to enhance the capacity of companies to innovate, to stimulate growth and to increase employment in promising markets. It facilitates the emergence of collaborative research and development projects and supports the growth of its member companies, particularly by placing new products, services and processes resulting from research on the market. The primary criterion for a cluster to emerge is its ability to bring together large and small companies, research centers and laboratories and training and education establishments within a specific region and around a common theme. The Mer Bretagne Atlantique competitiveness Cluster is a classical example of this in practice. The French maritime area concerned covers both Bretagne and Pays de la Loire administrative regions.

## Sponsoring offers

Levels	Silver 1500 €	Gold 2500 €	Platinum 4000 €	Diamond 5500 €
Logo website	Logo	Large Logo	Top listing	Prime listing
Logo on pocket program and conference signage	Logo	Large Logo	Top listing	Prime listing
Company presentation on Congress USB Key	Half page or 3 slides maximum	Full page or 5 slides maximum	2 full pages or 7 slides maximum	Freely
Full pass	1	1	2	3
VIP congress diner ticket	1	1	2	3
Company presentation on the website and pocket program		Quarter page	Half page	Half page
Oral conference during the special session for industrialist and innovation		10 min	20 min	30 min
BtoB meetings access			1	1
Exhibit space (extra cost for stands)	Location for 1 roll up	Option: stand 6m <sup>2</sup> extra cost : + 500 €	Option: stand 9m <sup>2</sup> extra cost : + 500 €	Option: stand 12m <sup>2</sup> extra cost : + 500 €

### Option Lanyard: 3000 €

- Your exclusive logo on the congress lanyard
- Logo on website and pocket program
- Half page company presentation on Congress USB Key

### Option delegate bag: 3000 €

- Your exclusive logo on the delegate bag
- Logo on website and pocket program
- Half page company presentation on Congress USB Key

Organized by

## Global Congress budget

300 000 € TTC

### Registration Fees

RegistrationType	Early Bird Before 15 March 2017	Standard After 15 March 2017	On-site fees 18-23 June 2017	
<b>Academics / Government</b>				
Full Delegate ISAP member	605 €	705 €	905 €	
Full Delegate Non-ISAP member	650 €	750 €	950 €	
Full Delegate ISAP Student member	274 €	374 €	574 €	
Full Delegate Non-ISAP Student member	300 €	400 €	600 €	
Day Delegate Registration	250 €	350 €	550 €	
<b>Corporates</b>				
Full Delegate - Corporate	850 €	950 €	1150 €	
Day Delegate Registration	450 €	550 €	600 €	
Exhibitors	(6 m <sup>2</sup> stand)	1250 €	1500 €	X
	(9 m <sup>2</sup> stand)	1850 €	2000 €	X

### Contacts for sponsoring questions

**Pascal JAOUEN & Jean-Paul CADORET**

**Co-Chairmen**

[pascal.jaouen@univ-nantes.fr](mailto:pascal.jaouen@univ-nantes.fr)

[jeanpaulcadoret@greensea.fr](mailto:jeanpaulcadoret@greensea.fr)

**Valéria Montalescot**

**Scientific & administrative Officer**

University of Nantes

[valeria.montalescot@univ-nantes.fr](mailto:valeria.montalescot@univ-nantes.fr)

Organized by



UNIVERSITÉ DE NANTES

