

International Conference



Building up **together**
the **future** of innovation

September 23-24-25, 2015

Océanopolis, Brest



PRESS KIT

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Building up together
the future of innovation



Construire ensemble
l'innovation de demain

23-25 Sept. 2015 Océanopolis, Brest

Brest, July 6th 2015

PRESS RELEASE

The CO-SCIENCES conference, "Building together the future of innovation" will be held in Océanopolis, Brest, 23, 24 and 25 September 2015.

Innovation is at the heart of all discussions, be they political or economic. Fruit of a strong link between research and business, it has to be support for sustainable growth. But how to meet when the benchmarks, the languages and the priorities are not the same?

As part of CO-SCIENCES research program, the University of Western Brittany, in partnership with the University of Rennes 2, IFREMER, Technopole, Brest Iroise, the club businesses of sustainable development and the Pôle Mer Bretagne Atlantique, organizes 23, 24 and September 25, 2015 in Brest, an international conference on the theme of science-business relations.

If the primary purpose of the conference is to open, beyond the "cultural" (disciplinary, sectoral) boundaries, a shared reflection on the production induced by meetings between laboratories and companies, its ambition is to be a meeting space between the worlds of academic research and the business world to create new synergies and even give rise to new cooperation, transfer factors knowledge and innovation.

The objectives of these meetings are:

- To highlight and reflect on the wealth and diversity not only of these interactions that often involve several laboratories of different disciplines and several economic sectors, as material or cultural productions that result.
- To discuss and co-build beyond this diversity new ways to work and create together.

All information and registration is available on the official website of the event:

cosciences2015.sciencesconf.org/



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EDITORIAL

The relationship between research, innovation, markets, companies, the state and public space, and more generally the relationship between science and society, have undergone profound changes. Researchers propose a "new contract" between science and the rest of society, while other reflections call for the emergence of scientific third sector, which is producer of knowledge and innovation. Driven by this dynamic, science-business relations are then urged to renew itself. The bet is to amplify the transfer, foster innovation but also to further integrate businesses in the process of research and upstream through patents, SATT, business clusters, technology parks, clusters competitiveness, etc. Today, politicians remind the interest of a collaboration between local institutions and companies.

Rich in these thoughts and experiences, CO-SCIENCES research program (2012-2015) funded by ANR has considered science-business relations interdisciplinary and intersectoral manner. The study collaborations between science and industry for the production of scientific issues in the environmental field requires researchers to combine human and social sciences (anthropology, history of science, sociology, social psychology, economics), Sciences, nature (ecology, biology) and representatives of the business world. These comparisons can only be thought about transferring the mode of scientific knowledge to industrial application. CO-SCIENCES program has studied the interactions between actors and scientists questioning the company products in-laboratory setting and couples made within thematic networks. He also seized the issue of reconciliation procedures in designing and experimenting a space for debate between scientists and business representatives.

In a social context where the relationships between research, innovation, markets, companies, the state and public spaces, and more generally the relationship between science and society are at the heart of many discussions it seems necessary to open a space for dialogue. Thanks to our differences (sectoral or disciplinary), our objectives are to reflect on both the terms of reconciliation science and business, but also on the envisaged results and their impact in terms of construction of knowledge and innovations.

Today, a few weeks before the end of the project, it is time to take stock, sharing and openness. These three days will allow us to realize a progress, to share experiences and together build the future of innovation.

A handwritten signature in purple ink, appearing to read "F. Chlous".

Frédérique Chlous
Professor of ethnology, MNHN
President of the scientific committee



THE SOCIO-ECONOMICAL STAKES

The relationship between research, innovation, markets, companies, state and public space, that is to say, in other words, the relationship between science and society have experienced profound changes (Bonneuil 2004). The direct link between the progress of knowledge, material and human progress and social progress, a legacy of Condorcet and the Enlightenment, is now widely questioned in a risk society (Beck 2001) crossed by systemic crises (Environmental , energy, food, economic, social, ..).

Many sociologists and philosophers of science call for such, to the emergence of a scientific third sector (Latour, 2004), which is co-producer of knowledge and innovations. This approach involves the invention of new devices that allow social science to confront other ways of thinking, other ways of setting problems, explore solutions, and would fuel the creation of new knowledge. These new spaces for debate between science and society are sources of social innovation, scientific as well as political (Bensaude-Vincent, 2003; Stengers 2002). But their emergence as potential carriers of innovation deliberative processes raises several questions. The first concerns the entry terms and in relation to the construction of an interaction between stakeholders (scientists, entrepreneurs, innovation support structures) whose representations, interest and action logics are very heterogeneous. Meanwhile, the construction of innovation-related deliberative processes implies that one wonders about the organizational and institutional spaces where such exchanges could develop; as well as argumentative and discursive forms in which they are expressed. The co-construction of knowledge seems to be dissociated from argumentation approaches and storytelling.

These new deliberative processes represent in terms of implementation and evaluation, experimental objects and particularly interesting analysis from the perspective of human and social sciences, but in reality questioning, all disciplines and more broadly society, if we manage to overcome a posture that made the company - as opposed to science - only an object of study. Because if researchers and companies meet daily as part of a bilateral exchange, or may be invited to share in discussions, the question of the productions of these meetings? What are the scientific issues discussed? How to evaluate the innovations produced, whether scientific course but also structural and social? These questions require both to identify or design the devices science ventures debates, but also to analyze the related updates.

Led since 2012 by an interdisciplinary and intersectoral partnerships, CO SCIENCES project funded by the ANR (French National Agency for Research) continues in this regard is twofold: first, design and test a deliberative space composed of scientists from several disciplines (the science nature and human and social sciences) and business leaders or their representatives; secondly, to analyze scientific questions generated during these open discussions, as part of company-laboratory couples and within thematic networks formed to enrich the comparisons. The object of the CO-SCIENCES project focuses on environmental issues as they cross the whole of society, are complex and feed the debate (top-down or bottom-up).



THE PROJECT

CO-SCIENCES stands for "Collaborations Sciences-Companies for the production of scientific issues in the Environmental field: analysis of scientific innovation, social and structural".

This research project launched in 2009 is part of the program "INOV" (innovative companies: innovation, economy, lifestyles) launched by the ANR (French National Research Agency) in 2011. Conducted in the form of a partnership interdisciplinary and inter sectoral, the project financed by the ANR (French Agency for Research) is twofold: first, design and test a deliberative space consisting of scientists from several disciplines (of nature and human and social sciences) and Heads of Companies or their representatives; second, analyze scientific questions generated during these open discussions, in-company laboratory setting and couples made within thematic networks to enrich the comparisons. The object of study of CO-SCIENCE project is focused on environmental issues, because they cross the whole of society, are complex, in the heart of the current socio-economic challenges and nourish the debates.

This project is divided into four areas of research:

- Organization (Task 1) and analysis (Task 2) ad hoc discussion between researchers and business representatives from the fields of aquaculture and Marine Renewable Energies. A support methodology to the debate called PAIR (Problems - Actors - Interactions - Network) has been developed within this framework. The analysis focused in particular on the study of the commitment of the actors in open debates.
- The focused analysis of relations between innovative aquaculture enterprise hatchery abalone (France Haliotis) and one / several laboratories. (Task 3) The objectives of this stage were the definition of all political, economic and symbolic issues, the analysis of the consultation process and logic that drive the actors, all this with a view to enrich the understanding the science-business interaction in the innovation process.
- The sociological study of structured thematic networks of researchers and companies in the field of ecological engineering (Task 3). The study focused on two networks: the REVER Network (Interchange Network and Restoration Ecology in valuation) and AgéBIO network (French Association for Biological Engineering). This work was shown the ability to create problems, and a term common events for researchers and practitioners within the same structure. It also helped to highlight the ability of the two networks to approach and inform each other.
- From the three previous tasks, the latter axis offers the analysis of technical innovation concepts, social and structural science (task 4), based on research bringing out the different perceptions of innovation among actors and issues definition of the concept. Task 4 also proposes the development of a methodological guide to support the development of innovative organizations.

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PROGRAM

23 septembre 2015 ANR Co-Sciences conclusive seminar

08:30	10:00	Welcoming of participants - Welcoming coffer / registrations	
10:00	10:05	Welcoming address	
10:05	10:30	Project ANR CO-SCIENCES	Frédérique Chlous
10:30	11:00	Co-Sciences, an inter-sectorial project	Technopole Brest Iroise
11:00	11:30	Coffee break	
11:30	12:00	To model and share to support the innovation: the method PAIR	Sylvain Laubé
12:00	12:30	Psychosocial dynamics of development of the problems	Elisabeth Michel-Guillou
12:30	14:00	Lunch cocktail	
14:00	14:30	To federate, represent, share in ecological engineering. Study of the networks REVER and AGéBIO	Timo Prola
14:30	15:00	Between productive laboratory and a company which seeks, the case France Haliotis	Fabien Riera
15:00	15:30	Reflections upon interdisciplinarity	Sergio Dalla Bernardina/ Christine Paillard
15:30	16:00	Coffee break	
16:00	16:30	Can we artificially create innovation?	Hélène Bardou
16:30	17:00	Technical, social and structural innovation, what did we learn?	Jean-Luc Bouillon
17:00	17:30	Conclusion of the day	Frédérique Chlous

24 septembre 2015 The science-business relations, a state of the art

08:30	09:00	welcoming coffee - registration of late arrival	
09:00	09:30	Opening session	Nathalie Sarrabezolles, President of Conseil Départemental du Finistère Pascal Olivard, President of UBO Céline Liret, Scientific Director, Océanopolis Frédérique Chlous, President of the steering committee
09:30	10:30	Round table: Political stakes of the laboratory-business relations <u>Hosted by Frédérique Chlous</u>	<u>Speakers:</u> Pierre Karleskind, Vice-president in charge of Europe, sea and shore & president of Technopole Brest Iroise Jean-Yves Le Deaut, President of OPESCT
10:30	11:00	Coffee break	
11:00	12:30	ROUND TABLE : Researchers, businesses, support structure: viewpoints <u>Hosted by Jean-luc Bouillon:</u>	<u>Speakers :</u> Philippe Laredo, IFRIS, ENPC & Manchester Business School François Duthoit, Dir. Innovation, DNCS Group Hervé Moulinier, Dir. Technical, Thalés, VP & former President of Pole Mer Bretagne Atlantique Béatrice Viale General secretary of SATT Ouest Valorisation.
12:30	14:00	Lunch cocktail	
14:00	15:30	Feedback of experience and Analysis of partnership project/ synthesis analysis	
15:30	16:00	Coffee break	
16:00	17:30	Feedback of experience and Analysis of partnership project/ synthesis analysis	
20:00	23:00	Gala at the Tropical Pavillon	

25 septembre 2015 Building together the future of innovation

09:00	09:15	Summary of the previous days	
09:15	11:30	ROUND TABLE: new methods, new tools for new relationships <u>Hosted by Sébastien Gallet</u>	<u>Speakers:</u> Pierre Colas, Dir. Search, Roscoff Biological Station, Blue Valley Coordinator, Matthieu Cariou Project Manager, Open Fac ¹ Beatrice Feltmann, Director, Cluster eco-origin, Samuel Belaud, Chargé de mission, UEB Plug in Lab, Hervé Majastre, Director of UBS business relationship service. Grégory Chambon, SHS platform - UBO Jean-Charles Cadiou President Capacités- Nantes
11:00	11:30	Coffee break	
11:30	12:00	A territory turned towards the future: the world Campus of the sea	Eric Vandenbrouck, Dir. Technopole Brest Iroise
12:30	14:00	Lunch cocktail	
14:00	15:30	Workshop Laboratory – Company Innovation Forum "Emergence of new themes" <u>open to everyone</u>	Hosted by Sylvain Laube (CFV / UBO) Marion Bourhis (Géoarchitecture)
15:30	16:00	Closure address	
19:00	23:00	Night of the researchers: back to the experiment	



ROUND TABLES

THURSDAY, SEPTEMBER 24:

The Politics of Science-company relations

Hosted by Frédérique Chlous

Speakers:

Pierre Karleskind,

Vice president of Europe, the sea and coastline and chairman of Technopole Brest Iroise

Jean-Yves Le Déaut,

President OPECST

If innovation is not decreed, it is accompanied. Thus, there can be no reflection on innovation without considering its political aspects. Because the political situation not only a vision, but it allows to organize, to provide a framework in which stakeholders can express their creativity.

The objective of the roundtable is to bring a fresh perspective between a local politician and a national politician on the state of play and issues of relations between laboratories and companies from the point of view of research policies and innovation.

How to regional and local points of view such relationships were considered / historically supported through political, interest (not just economic) a reconciliation of research (private and public) with civil society represents for the development of territory (as an engine of growth, creator of economic and cultural value) but also pitfalls and levers which have different policies and confront today ..

Researchers, businesses, support structure: viewpoints

Hosted by Jean-luc Bouillon

Speakers:

Philippe Laredo,

IFRIS, ENPC & Manchester Business School

François Duthoit,

Dir. Innovation Group DNCS

Hervé Moulinier

Dir. Technical, Thales VP & former President of Pole Mer Bretagne Atlantique

Viale Beatrice

General Secretary SATT Valuation West.

Like a leitmotif throughout means, is needed to stimulate innovation and the economy closer corporate laboratories. But what is it really now?

Are the two worlds so distant from each other? If they do not, they are the reasons for this apparent disconnect? A different approach, language, culture actors?

It is to these questions that the panel wishes to respond by crossing the glances of the field. Starting from their point of view, the experience, they talk us of how these laboratories ventures whose relations were considered, manage and support. What are the pitfalls encountered the brakes and how, concretely answers have been and are being made today. They also speak of the wealth of these encounters, beyond their purely techno-scientific aspects.

FRIDAY, SEPTEMBER 25

New methods, new tools for new relationships

Hosted by Sébastien Gallet

Speakers:

Pierre Colas,

Dir. Search, Roscoff Biological Station, Blue Valley Coordinator,

Matthieu Cariou

Project Manager, Open College '

Beatrice Feltmann,

Director, Cluster eco-origin,

Samuel Belaud,

Chargé de mission, UEB Plug in Lab,

Hervé Majastre,

Director of UBS business relationship service.

Grégory Chambon,

SHS platform - UBO

Jean-Charles Cadiou

President Capacités- Nantes

Building together the innovation of tomorrow. Yes, but how? Beyond the traditional economic support structures born in recent decades to stimulate business creation and growth of new collectives have been created to further enhance laboratory-enterprise relations.

But these new agoras are they a new layer "layer cake" or their existing intake is it really different, complementary to the existing?

How then, does the proposed merger? How is this innovative to promote a common culture of innovation?

Workshop-Search Company

Innovation Forum "Emergence of new themes"

open to everyone

Animation:

Sylvain Laube (Center F. Vieta / UBO) and Marion Bourhis (Géoarchitecture)

This workshop is opened to all actors involved in the issue of innovation and wants to create new links between companies and research laboratories. This is concrete and pragmatic way to identify:

- The short innovation carrier and medium term thematic that require a reconciliation Search Company
- Holders (institutional or not) then program in charge of technical days of work in a short time (less than three months).

On a 1h30 session and drawing the PAIR method developed as part of the ANR Co-Science, these two objectives will be achieved through the sharing of data and the collective construction of concept maps.

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SOME SPEAKERS

Jean-Charles Cadiou

Jean Charles Cadiou is Vice President of the University of Nantes in charge of relations with business. Research professor since 1997 and University Professor since 2005, he is the Chairman of SAS CAPACITES, a subsidiary of the University of Nantes.

After a Doctorate in Automation and Robotics at the University Pierre et Marie Curie, he became Lecturer at the University of Versailles Saint-Quentin-en-Yvelines. He participated in the opening of the Industrial Engineering and Maintenance Department and the Department Mechanical and Production Engineering at the Mantes La Jolie site he headed after their empowerment as full-University Technical Institute in January 2001.

François Duthoit

François Duthoit is Director R & T at DCNS first shipbuilding system supplier for the French Navy. Scientific training and experience by engineer (School of Physics and Chemistry of Paris with a postgraduate thesis on Polymer acoustic sensors), F. Duthoit is also a member of the French Naval Reserve.

Having spent most of his career at Thales before joining DCNS, Engineer Research sonar, he became Technical Director at Thales Naval Division (in Sydney, then in Paris and Sophia Antipolis). During the six years of his assignment in Australia, he has also held various positions (director general of the Australian Sonar Systems Pty Ltd, Chairman of the Technical Committee of the Australian Maritime Engineering Cooperative Research Center, and head of the Master in Software Engineering at the University of Technology).

In his current position at DCNS, François Duthoit is in charge of strategic planning for the technical group, R & T funded and self-financing, including national and international cooperation. Former government agency, DCNS has obtained a private status (government owned) in 2003 and recovered in 2007 naval activities of Thales, acquiring at the same time 25% of the shareholding.

Feltmann Beatrice

After studying business at EM Lyon, Beatrice Feltmann started his career in marketing consumer products. She was successively assistant product manager, product manager and marketing manager in companies or groups like Bridel, Lardenois - Kiwi and Dairy Holy Father in Loire Atlantique.

Then recruited to the CCI Rennes as adviser Companies in the field of IAA, she held various functions oriented Economic Development as from businesses that local authorities Pays de Rennes.

Since 2007, the potential of Green Business sector mobilizes his time and energy first in the CCI and since 2010 as Director of écoorigin cluster.

Pierre Karleskind

A graduate of Polytechnic and School of Brest engineers Ensta Pierre Karleskind holds doctorate in oceanography unun obtained within IUEM.

Socialist past nine years, he is Vice President of the Regional Council of Brittany (Europe and Sea), alderman and Brest. He has been named vice president of the community of communes Brest Métropole in charge of higher education and research and is the new president of Technopole Brest Iroise since 2014

Pierre Karleskind directs SEMAEB (Society for the Study of the development and Brittany equipment) since 2012.

Philippe Laredo

Philippe Laredo is director of research at the Université Paris-Est (Ecole des Ponts, the Paris Institute research and innovation in companies, IFRIS), and professor at the University of Manchester (Manchester Business School, Manchester Institute of Innovation Research, MIOIR) .

His research focuses firstly on the innovations of rupture and construction markets, and also on public policies for research and innovation, particularly characterization and evaluation. From 2004 to 2009 he coordinated the European Network of Excellence PRIME on research and innovation policies (now the EU Forum SPRI funded by fifteen European academic institutions). Since early 2014 he coordinates the project for European research infrastructures distributed on innovation and research (RISIS).

Moulinier Hervé

An engineer by training, Hervé Moulinier is Director of Forecasting and Strategy Technical Division of Thales Defence Mission Systems. He is Vice President of Pôle Mer Bretagne Atlantique after actively participating in its creation and occupied the presidency for 10 years. He is also President of the Maritime National School (ENSM), Telecom administrator Britain, the School of Commerce of Brest and many other local training institutions.

Viale Beatrice

Doctor of Law, a specialist in public policies of the European Union, Viale Beatrice was first interested in the engineering of European research projects. Since 2005 she is in charge of the development of research development at the University Rennes 2. Today director of research and enhancement within the University, it provides parallel the function of Deputy Director of Bretagne Valorisation ® including coordinating service training.

Member of the Board of Directors of the CURIE Network and the information network dedicated to the research framework program and developing the European Union (SSH NCPs - FP7), she is involved in actions aimed at Human Sciences and Society.



LE PARTENARIAT

Behind this project scientific aim is the establishment of a unique interdisciplinary and intersectoral partnership that allowed 9 different backgrounds to work together organizations:

- 6 laboratories members of the European University of Brittany:



- Géo-Architecture (EA 2219)

At the crossroads of environmental sciences and social sciences, the research of the host team cover most aspects of the living environment, whether urban, business support, or only occasionally frequented by tourism or leisure activities. The team (located at the sites of Brest and Lorient) including working on forms of urban sprawl, the movement of patrimonialisation exerted on natural areas as much as on the legacy of urban history, the dynamics of vegetation and biodiversity.



- The Laboratory for the Study of the Marine Environment (LEMAR - UMR 6539)

The LEMAR brings together biologists, chemists and physicists in order to understand and model marine systems within the biosphere, to define the characteristics of the environment and the organisms and identify their interactions. A strong multidisciplinary approach, essential to address a complex area such as the interactions between the various components of the marine area, is implemented daily in the scientific life of the unit and within its research team.



- Le Centre de Recherche Bretonne et Celtique (CRBC, EA 4451 / UMS 3554)

The CRBC is a multidisciplinary research laboratory composed of 46 members (historians, from antiquity to the present day linguists, Celtic scholars and English specialists, anthropologists, sociologists, literary mainly) investing themes and research fields which are mainly cultural areas Breton and Celtic. They also conduct individual and group research in other fields, across Europe, particularly Atlantic and beyond.



- Le Centre Recherche en Psychologie, Cognition et Communication (EA 1285)

The CRPCC is a multi-site reception team (Université Rennes 2, Bretagne-Sud University and University of Western Brittany), which groups in a federal cooperative spirit and discipline four sub-components: the University Armorican Research Laboratory in Social Psychology, the laboratory Ergonomics and Behavior Science, the Developmental Psychology laboratory and Education and the Experimental Psychology laboratory. Research members of the EA are within the fields of social psychology, cognitive psychology, Ergonomic psychology, developmental psychology and psychometric modeling.

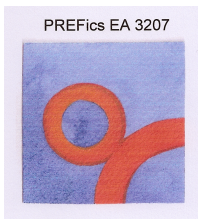


- Le Centre François Viète (EA 1161)

The Center for Epistemology and History of Science and Technology François Viète consists of two research sites in Nantes and Brest. Multidisciplinary research work conducted at the UBO (Brest) since 2012 focused on three main themes: "Sea, rivers and coastal", "ancient" and "Digital Humanities". The research methodologies developed are within the field of history of material culture (artifacts simple to macrosystems), in a systems approach including the networks of actors and production plans of new knowledge and new practices.

- Plurilinguismes, Représentations, Expressions Francophones - Information, Communication, sociolinguistique (PREFics - EA 3207)

The PREFics is a multi-site team located in the Universities of Rennes 2, Lorient-Vannes and Tours. His research focuses on the dynamics of language and communicative diversity, particularly in Francophone contexts, in relevant disciplines (7th and 71th sections of the CNU). Its members develop their activities in an interdisciplinary perspective, around cross-cutting research programs such as "Epistemology and sociogenesis standards and literary forms, socio-linguistic, communicative and organizational"; "Communication, risks, health; Communication, crises speech, mediation and organizational processes in critical situations. "



• 3 structures of economic and industrial support:

- Le Technopole Brest Iroise

Technopole Brest-Iroise, Association Law 1901, brings together 200 members who belong to the world of business, research, higher education, as well as communities. They all share the same ambition: "Develop and promote innovation within their territory." The people who make up the Board of Directors and the Board of the association, are representative of the local economy: the Public Authorities, the University and Grandes Ecoles, research centers, companies and the public and professional organizations.



- Le Pôle Mer Bretagne-Atlantique

Created in 2005 to provide answers facing new global competition becoming more pressing competitiveness clusters were primarily intended to offer a new industrial policy: they aim to boost companies' innovation capacity, develop growth and employment in growth markets. The Pôle Mer Bretagne Atlantique gathers around an emblematic territory - the great maritime region "Bretagne - Pays de la Loire" - companies, laboratories and research centers and training institutions around a common theme: the sea.



- Le Club Finistérien du Développement Durable

Constituted as an association law 1901, The Club's mission is to ensure the promotion of the sustainable development approach within its member organizations Finistère. It collectively assists members in their thoughts and actions on the subject, allowing them to exchange with other actors in civil society. It allows companies to mix with the other actors in the territory (industries, banks, shops, cooperatives) to find all the actions to be implemented to build a community of informed, responsible, who shall ensure the application of fundamental guidelines for the future.



- This collective work is also based on economic and material support from other partners structures, without whom the project would not have been possible:

- L'Agence Nationale de la Recherche



The ANR funds research projects. On a competitive selection mode that meets international standards, it aims to foster creativity, the deregulation, the emergence and partnerships. Since 2010, she is also the main operator of Future Investments in the field of higher education and research. In this context, it ensures the selection, financing and monitoring of projects.

- L'Université de Bretagne Occidentale



Public scientific, cultural and professional, UBO first missions is to contribute to the development of research and raising the scientific, cultural and professional level of the nation and the individuals who compose it, to regional growth and national, to the economic development and the achievement of an employment policy. Finally, it contributes to the reduction of social and cultural inequalities. The university provides initial and continuing training, scientific research and technology as well as the value of its results, the dissemination of culture and scientific and technical information, international cooperation.

- L'Institut Brestois des Sciences de l'Homme et la Société (IBSHS)



Component of UBO, the IBSHS has 250 teacher-researchers in the field of Humanities and Social Sciences, important industry away. The disciplines of science will IBSHS education, geography, urban planning, history, ethnology, sociology, philosophy, linguistics, psychology, letters and language law, management and economics, with a strong multidisciplinary approach. Research fields are diversified (social practices of education and training, power relations, vulnerable, transforming territories, heritage protection, work, health, governance institutions, maritime worlds ...).

- L'IFREMER (Institut Français de Recherche pour l'Exploitation de la MER)



Established in 1984, Ifremer is a public industrial and commercial (EPIC), placed under the joint supervision of the Ministries of Higher Education and Research and Ecology, Sustainable Development and Energy . Ifremer works in a network with the French scientific community, but also partner organizations in many countries. Ifremer contributes, through studies and expert assessments, to the knowledge of the oceans and their resources, monitoring the marine environment and the littoral and the sustainable development of maritime activities. To these ends, it designs and implements observation tools, testing and monitoring, and manages oceanographic databases.

- Océanopolis



P Ocean Discovery Park has 68 aquariums and ponds 4 million liters of sea water, Oceanapolis, instead of sharing and exchange of knowledge, situated near the harbor of Brest, offers the public a dive in the heart the marine environment and its ecosystems. Its mission Scientific and Technical Culture Center leads him to offer monthly lectures and special events in connection with oceanographic research. The team participates in international scientific congresses and has a marine mammal study center and a clinic. The ethic that made the reputation of Océanopolis is based on a scientific approach to information and an extreme attention to animal and plant populations.

- Le Conseil Départemental du Finistère



The Conseil Départemental is the deliberative assembly of the department. Bringing together 54 councilors, elected by popular vote at the local elections, the Departmental Assembly defines departmental policies and budgets. It delegates to the Standing Committee, a true executive body of the department, the management of current business. If the principal mission of the General Council concerning the social action for families, disabled, elderly or professional

insertion, the General Council is also involved in areas as diverse as public colleges, roads, public transport, culture, the environment.

- Brest Métropole



The agglomeration of Brest entered the top 14 of major cities of France on 1 January 2015. A public intermunicipal cooperation since 1974 has therefore Brest metropolitan status of the new established by the modernization of territorial public action law . For example, to ability economic, cultural and social development now joins that of actions to support research, higher education, vocational training and student life. This new status is recognition of the role played by a limited number of large French cities performing functions métropolitaines au service d'un territoire dépassant les frontières institutionnelles.

- Le Muséum National d'Histoire Naturelle



At the crossroads of Earth Sciences, Life and Man, the Museum is dedicated daily - and has been for almost 400 years - to nature and its relationship with the human species. Rich in history, at the heart of current events, the Museum is also working for the future. His five missions to find and preserve nature are fundamental and applied research, conservation and enrichment of collections, education, expertise, and knowledge dissemination. The Museum occupies a reference position in the heart of contemporary debates around environmental awareness and saving the planet.

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23-25 Sept. 2015 Océanopolis, Brest

PRACTICAL INFORMATION

LOCALISATION



The conference will be held at Océanopolis, Brest, France. the site is accessible:

By plane

Brest International Airport, 20 minutes from Brest town centre

By car

GPS : Rue du Moulin Blanc / 48°23'21 North - 4°26'03 West

From Rennes-Morlaix, take the exit signposted "Brest-Ports".

From Nantes-Quimper, Follow signs to "Brest-Océanopolis".

From the town centre, follow signs to the station (gare SNCF), then the "port de commerce", and finally "Océanopolis".

By train

Brest station is 3km away. Take the number 15 bus ("Liberté/Océanopolis") from outside the train station/chamber of commerce

By bus

Take bus number 3 ("Lambézellec/Océanopolis")

To plan your route, visit <http://www.bibus.fr/>

OFFICIAL WEBSITE

All the information regarding the event are available on the official website :
<http://cosciences2015.sciencesconf.org/>

CONTACT

For more information and/or question please contact directly:

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LANGUAGE

Access should be simplified for english speaking people as a translation unit will be available on the site..

REGISTRATION

To attend the conference, you need to register on the website :
<http://cosciences2015.sciencesconf.org/registration/index>

The registration fee for the 3 days is 50€.
It includes access to all conference, round table and workshop, and lunches.
It does NOT include Gala Diner, and accommodation.

OPENING/CLOSURE TIME

Conference site will be open starting 8 h 30. A welcoming team will present at the gate of Oceanopolis to direct participants..