The International Symposium on Green Chemistry
WELCOME
WELCOME

On the behalf of the organizing committee, we are honored to welcome you to the fourth edition of the International Symposium on Green Chemistry that will take place from May 16th to May 19th at La Rochelle, FRANCE.

In 2050, we will be more than 9 billion of Humans on our planet. This exponential increase of the population on Earth has a direct impact on chemistry which needs to produce always more with fossil resources that are concomitantly decreasing or more and more difficult to exploit. Furthermore, our growing awareness of the need to reduce our impact on the environment, including eco-systems, biodiversity and greenhouse gases, require scientists to adapt or to design cutting-edge technologies/processes less consuming in energy and atoms, eco-respectful and more secure for the Humanity.

The main objective of ISGC-2017 is to gather the most eminent scientists involved in the field of green chemistry to debate on the future challenges of Chemistry keeping in mind the problems of access to a sustainable energy, the management of resources (carbon, water, metals, minerals). Human development, global warming, impact on the environment and competitiveness of our Industry. To contribute to solve this complex equation, ISGC-2017 has been thought as a cross-disciplinary platform and should offer to public and private scientists an ideal platform for sharing fundamental knowledge with industrial research and development stakeholders.

On the continuation of the previous editions, ISGC-2017 will gather more than 700 attendees who will exchange on the most recent advances in the field of green chemistry through plenary lectures, keynotes, oral and flash communications and posters organized around multi-parallel sessions with 6 principal topics and industrial sessions. New in 2017 : To enable industrials to show their innovations, to meet industrial requirements, to facilitate public-private and private-private partnerships, to present new challenges in R&D, to facilitate exchanges between participants, … ISGC creates the « Green Chemistry Challenge » : 1-to-1 meetings, exhibition area, innovation sessions and mentorship opportunities.

We hope you will enjoy this unique moment to share your vision about green chemistry with other countries and to contribute to the emergence of new and sustainable processes for a greener world.

Sincerely yours.

François JEROME  
CNRS research director, University of Poitiers  
Ecole Nationale Supérieure d’Ingénieurs de Poitiers  
Institut de Chimie des Milieux et Matériaux de Poitiers (IC2MP, UMR7328)
CONFERENCE OVERVIEW

On-site registration

Espace ENCAN
Quai Louis Prunier - BP 3106 17033 La Rochelle
(See Symposium Venue Map p.37)

Sessions location

All the plenary lectures and innovation sessions are given at the Auditorium Michel Crépeau (ground floor). All the oral and flash communications (OC/FC) and keynotes are given in Auditorium and Rooms 1 to 5 (ground floor and first floor. see map p.38).

Badge policy

Name badges must be worn at all times during the conference. If you lose your name badge, please return to the conference registration desk.

Conference books

If you misplace your book or program, please refer to the website at www.isgc-symposium.com for the online conference program. Or ask for a program at the desk registration.

Satellite events

The Network of Early-Career Sustainable Scientists and Engineers (NESSE):
- Thursday May 18th, 11:00-12:30

L’Oréal session partnership
- Wednesday May 17th, 15:00-16:30

SPONSORS
TOPICS

RENEWABLE CARBON
BIOMASSE CONVERSION
VALORIZATION OF WASTE

This topic is related to the conversion of biomass, waste and CO2. It includes lignocellulosic biomass, polysaccharides, proteins, carbohydrates, and derived molecules, fatty derivatives, extractible, glycerol, organic/mineral/liquid/gaseous waste, CO2, bio-base chemicals, etc.

SMART USE OF FOSSIL

This topic is related to novel technologies/processes to convert fossil carbon in a more efficient and rational way not only for the production of fuels/energy but also for the production commodities and fine chemicals.

POLYMERS

This topic is related to clean polymerization methods, biosourced polymers, eco-design of polymers, recycled polymers, etc.

ENVIRONMENTAL IMPACT AND
LIFE CYCLE ASSESSMENT

This topic is related to the impact of chemical products and processes on the environment and health, throughout their entire life cycle, from raw material extraction through transport, manufacturing, use and end of life.

MECHANISM

This topic is related to all characterization and predictive methods to optimise, to adapt or to design clean reactions/processes. It includes real time in situ characterisations, model reactions, kinetics, theoretical calculation, predictive methods, etc.

CATALYTIC SYSTEMS

This topic is related to atom-economic synthesis. It includes organocatalysis, dual catalysis, hybrid catalysis, tandem catalysis, organometallic, bifunctional catalysis, etc.

ALTERNATIVE SOLVENTS

This topic is related to recent advances in the field of alternative solvents for catalysis, organic chemistry and materials. It includes deep eutectic solvents, ionic liquids, bio-based solvents, CO2-switchable solvent, etc.

BIOTECHNOLOGIES

This topic is related to recent developments of bioprocesses integrating natural or tailor-made biocatalysts obtained by protein or metabolic engineering for biomass conversion into valuable compounds. It also targets the conception of synthetic pathways comprising both chemical and biocatalytic transformations to produce bio-sourced derivatives.

NON-THERMAL ACTIVATION
METHODS

This topic is related to all works related to microwave, plasma, ultrasound, electrochemistry, photochemistry, mechanochemistry, etc.

NETWORKING AND
EDUCATION

PLENARY LECTURES

Prof Roger Sheldon
Delft University, Netherlands
Engineering a Sustainable Future with Green Chemistry and Catalysis

Prof Peter Wasserscheid
Friedrich-Alexander-University, Germany
Novel, selective catalytic routes to organic acids from biomass

Prof Ye Wang
Xiamen University, China
Catalytic Transformation of Cellulose into Organic Acids

Dr François Monnet
Solvay Exec VP, R&D Renewable Chemistry Platform Director, Belgium
What green is the colour of? An industrial look about some achievements and challenges of

Prof John Hartwig
Berkeley University, USA
Selective Functionalizations with Small and Large Catalysts

Prof Thibault Cantat
CEA – Saclay, France
Reductive Transformations of CO2 and Lignin Using Molecular Catalysts

Prof Oliver Kappe
University of Graz, Austria
Organic Synthesis goes Flow

Prof Richard Alan Gross
Rensselaer Polytechnic Institute, USA
Biocatalysis Enables New Options in Polymer Science
KEYNOTES

Prof Chris Hardacre
Queen’s University, Belfast - Ireland
CO2 capture and utilisation using ionic liquids

Dr Boris Estrine
ARD, France
Surfactants and emulsifiers from renewable raw materials

Dr Edith Norrant
UCB Pharma, England
From laboratory to manufacturing plant: Innovative industrial cases using physical activation...

Prof Karen Wilson
Aston University, England
Designing heterogeneous catalysts for biorefining

Prof Dirk De Vos
K.U.Leuven, Belgium
Catalytic transformations of amino acids to amines, nitriles or dicarboxylates, and of diols to dienes

Prof Michael Meier
Karlsruhe Institute of Technology, Germany
Sustainable approaches to monomers and polymers from renewable resources

Prof Rafael Luque
University of Cordoba, Spain
Benign-by-design methodologies for a more sustainable future: from nanomaterials to heterogeneous (photo)catalysis and biomass/waste valorisation

Dr Serge Reboulllat
DUPONT, Switzerland
INNOVATION & “ECOTROPISMO®” Biotech and Advanced Technologies

Prof Tom Welton
Imperial College, England
Ionic Liquids for Sustainable Chemistry

Prof Virginie Belliere-Baca
ADISSEO, France
The challenges of corporate citizenship: From Good Intentions to Concrete Deployment Focus on odor management and reduction

Dr Thomas Schaub
BASF, Germany
Palladium- and Nickel Catalyzed synthesis of Sodium Acrylate from CO2 and Ethylene

Tony Phan
Mane, France
A solution to design greener chemicals. Applications to Flavour and Fragrance industry

Amandine Cabiac
IFFEN, France
From biomass to bio-based polymers: general routes and catalytic design

Jerome Guibot
SEPPIC, France
Bio-sourced innovation, a challenge but an opportunity!

Dr. Shu Kobayashi
The University of Tokyo
Flow Fine Synthesis for Green Sustainable

Dr. Julien Hitce
L’Oréal
Innovation from Renewable Resources at L’Oréal: Expanding the Chemist’s Toolbox

Dr. Noëtbert Patouillard
MINASOLVE
From Biomass to COSMETIC Sustainable multifunctional Ingredients and Solutions.
<table>
<thead>
<tr>
<th>Time</th>
<th>TUESDAY, MAY 16th</th>
<th>WEDNESDAY, MAY 17th</th>
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<td>PL-5: T. CANTAT</td>
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<td>POSTER SESSION &amp; GREEN CHEMISTRY CHALLENGE: INNOVATION SESSIONS, EXHIBITION &amp; 1TO1</td>
<td>G2C2 PRIZE</td>
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<td>8:00 PM</td>
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Thriving careers and sustainability: a panel discussion
Thursday May 18th, 11:00-12:30 AM

Academia and industry are common career paths for the new generation of individuals working in stem. Both provide a unique approach and contribution to economic progress, and demand a particular set of skills. What factors are relevant for career advancement in each sector? How does the partnership between them play a role in social development? What professional opportunities in the context of sustainability are currently out there? The speakers at isgc-2017 will come together and bring their expertise to discuss answers to these and other questions pertaining to professional growth.

› Panelists
  › Prof. Rafael Luque (University of Cordoba)
  › Dr. Edith Norrant (UCB Pharma)
  › Prof. Peter Wasserscheid (Friedrich-Alexander University)
  › NESSE networking social

NESSE Networking Social
Thursday May 18th, 04:00 - 06:00 PM

The Network of Early-Career Sustainable Scientists and Engineers (NESSE) will hold a casual networking social on Thursday, May 18th. Join NESSE for a get-together at a local bar, where you will get the chance to connect with our members and other like-minded professionals in the field of sustainable science. La Cav’A’Sô, 29 Quai du Gabut, 17000 La Rochelle, France.

NESSE exhibition booth N°13
Tuesday May 16th, 07:00 PM

Looking to connect with early-career scientists seeking to be part of a sustainable future? Meet us at the exhibition area all week to learn what NESSE is all about, our career-development activities at ISGC, what projects we are currently working on, and how you can get involved with our community.

L’Oréal organises a special session on “innovation in green process for a sustainable chemistry”
Wednesday May 17th, 03:00 - 04:30 PM

› Invited Speakers
  › 03:00 - 03:30 PM: Pr. H. Cramail - University of Bordeaux
  › Glycolipids: from synthesis and self-assembly studies to the design of original bio-based polymers.

› Selected flash communications
  See Scientific Program, May 17th (03:30 - 04:30 PM)
GREEN CHEMISTRY CHALLENGE & EXHIBITION

EXHIBITION

Exhibition opening: Tuesday 16th May 2017 at 12:30

1 : TEAMCAT SOLUTIONS
2 : GLYCOSPOT
3 : ECOSYNTH
4 : CALYXIA
5 : ZEON
6 : CARLO ERBA REAGENTS
7 : PIST
8 : SEPPIC
9 : CHIMÉCO UMR 5021 CNRS
10 : ACTIVATION
11 : FRONTIERS IN CHEMISTRY
12 : SATT
13 : NESSE
14 : IFREN
15 : UNIVERSITÉ D’ANTANANARIVO
16 : JBCAR
17 : IFMAS
18 : SAIREM
19 : PÔLE IAR
20 : SAS PIVERT
21 : NOVASEP
22 : ARD
23 : SEPROSYS
24 : SCF
25 : INCREASE
26 : INSTITUT CHIMIE VERTE
27 : VALAGRO
28 : BIOSYNTHS
29 : LABORATOIRE XERES
30 : BIOCORIUM
31 : INSTITUT CARNOT
Teamcat Solutions (TS) is a French research intensive SME, active since May 2016. TS’s core-busines is the design of scientific equipment for high-throughput experiments in the fields of chemistry and catalysis. It aims to provide expertise to private and public research teams to enhance their innovation and discovery potential by reducing the most energy and time consuming of their R&D effort. Therefore, TS develops a large range of high-throughput devices for the synthesis, the characterisation and the testing of catalysts. Our flagship product, the Multi-R®, a device with parallel reactors for high-throughput gas phase heterogeneous catalysis, presents the best performance/price ratio of the market.

TS capabilities include:
- Design of scientific equipment
- High-throughput technologies
- Chemical engineering
- Catalysis
- Technology transfer to the market

TS is member of the French competitiveness cluster Industries & Technology transfer to the market - Catalysis - Chemical engineering - High-throughput technologies - Design of scientific equipment. TS capabilities include: market.

EcoSynth is a chemical contract research company which provides chemical solutions for a wide range of industrial challenges within different industries (life sciences, chemical, food, consumer, energy…). The company operates from a new state-of-the-art lab infrastructure and our service activities include synthesis of organic molecules (up to 3 kg), process development (early phase) and chemical stability assessment of products and formulations. These activities are supported by our unique expertise in catalysis of industrially important reactions (using non-toxic metals, flow chemistry (using external activation) and (scalable) photochemistry.

GLycospot produces high-throughput enzyme screening kits making reliable analysis quick and easy. With our 3-step procedure and easy-to-read colourimetric results, you can simultaneously screen activity of carbohydrate and protein degrading enzymes. These enzymes are important in many different industries, ranging from the juice and baking industries to feed and biomass conversion. GlycoSpot technology is a game-changer in biomass conversion optimization by replacing outdated empirical methods and facilitating substantial savings in time and costs in production. Our core competence lies within providing our customers with tailor-made solutions, so challenge us: ‘we can make substrates out of almost anything!’

Zeon Corporation has been firmly establishing itself as a global chemical manufacturer that can meet the social needs of the new era by developing various products to comprehensively and effectively use C5 fractions and also by commercialising these products. Cyclopentyl methyl ether (CPME) is a novel hydrophilic ether solvent, which was established out of Zeon’s unique synthetic technology and C5 raw materials. Unlike other common ether solvents, CPME has unique excellent properties and is widely applicable as a replacement for Tetrahydrofuran (THF). Methyl Tert-Butyl Ether (MTBE), Dioxane and other existing ether solvents.

FIST S.A. (France Innovation Scientifique et Transfert) is a subsidiary of the CNRS and BPI France. Since 1992, FIST SA is specialised in the transfer of innovative technologies from the CNRS Laboratories to international industries. This activity in bio-sourced chemistry is characterised by two Strategic Focus Transfers: Valorisation of lignocellulosic biomass and CO2 as carbon source.

FIST S.A. has also an expertise in business intelligence through patents and scientific publications mapping studies of as well as technoscouting studies. These studies may be part of a competi-
SEPPIC

SEPPIC in few words
SEPPIC is a subsidiary of Air Liquide Healthcare. SEPPIC designs and markets specialty ingredients for health and beauty through sustainable innovation.
SEPPIC inspires its customers worldwide with a unique combination of scientific expertise in the fields of chemistry, formulation and objectification. This covers polymers, surfactants and emulsion technologies, biology, immunology, transformation of natural products.

CHIMECO UMR 5021 CNRS

ChimEco lab : Bio-inspired Chemistry and Ecological Innovations
Ecocatalysis, a new vision of Green Chemistry
Ecological restoration of Industrial sites, eco-innovation, bio-inspired catalysis: Scientific goals of ChimEco are closely related to an interdisciplinary approach able to participate in the development of bioeconomy and sustainable development. Biodiversity being used as raw material for environmental remediation, the challenge is to develop effective solutions to develop chemistry of the future and for the future.
ChimEco focuses on an unusual combination of phytotechnologies and the use of these processes by a bio-inspired green catalysis, the Ecocatalysis. This new concept contributes to the development of current economic and environmental priorities, the use of biomass and the transition from non-renewable to renewable resources.

ACTIVATION

Activation is an independent company, specialized in process research and development of innovative technologies for maximizing industrial process performances. Our core expertise is process research, continuous flow reaction, trickle bed reactors, hydrogenation, hydroformylation, heterogeneous catalysts (selection, design and shaping). UV LED photochemistry and more recently polymers productions (namely functionalized polyethylene, polyethoxylated).
Our experimental methodology relies on a deep understanding of chemical transformation through continuous monitoring and analysis of reaction to identify critical parameters. This is a key factor to design the most efficient technology for industrial production while reducing capex and opex. Cost estimates and intellectual property are our guidelines to devise new cost effective and clean processes.

FRONTIERS IN CHEMISTRY

Frontiers is a leading open-access academic publisher with prestigious and well respected editorial boards. We provide rigorous peer review and fast publication. Our goal is to increase the visibility of research articles and their authors.

SATT

SATT Grand Centre (Société d’Accélération du Transfert de Technologie or «Technology Transfer Company»), is a simplified joint stock company founded on May 15, 2013 as part of the Future Investments Programme (the Programme d’Investissements d’Avenir or «PIA»).
The head office is in Clermont-Ferrand and the six branches are located at Clermont-Ferrand, La Rochelle, Limoges, Orleans, Poitiers, Tours. In France, 14 SATTs operate throughout the country and have the task of simplifying, accelerating and facilitating technology transfers from public research to companies, regardless of their size or business sector. They facilitate the creation of added value of companies or of new activities and therefore jobs, based on the results of academic research.

NESSE

Who We Are
The Network of Early-Career Sustainable Scientists and Engineers (NESSE) is a global movement of academic researchers and young professionals at the beginning of their careers working on or interested in solutions to today’s most pressing sustainability challenges.
Our Vision
We envision a prosperous and sustainable future for all, facilitated by collaborative and sustainable approaches to science.
Our Mission
To inspire and mobilize a new generation of interdisciplinary scientists and engineers who strive to achieve a more sustainable future.
Our Strategic Priorities
Our six strategic priorities are to:
1. Build Community
Connect scientists and engineers across disciplines to share resources and forge collaborations.
2. Enable Sustainable Research
Promote greener, cross-disciplinary research practices.
3. Shape Education
Support the incorporation of sustainable science and engineering into graduate and undergraduate curricula.
4. Share Ideas
Communicate inspiring sustainable science and engineering stories to researchers and professionals, as well as the general public.
5. Train Leaders
Foster the development of confident and able leaders for sustainable science communities.
6. Promote Advocacy
Educate and encourage sustainable scientists and engineers to engage with decision-makers.
IFPEN

IFP Energies nouvelles (IFPEN) is a major research and training player in the fields of energy, transport and the environment. From research to industry, technological innovation is central to all its activities, structured around three strategic priorities: sustainable mobility, new energies and responsible oil and gas.

As part of the public-interest mission with which it has been tasked by the public authorities, IFPEN focuses on:

- providing solutions to take up the challenges facing society in terms of energy and the climate, promoting the transition towards sustainable mobility and the emergence of a more diversified energy mix;
- creating wealth and jobs by supporting French and European economic activity, and the competitiveness of related industrial sectors.

An integral part of IFPEN, its graduate engineering school – IFP School – prepares future generations to take up these challenges.

3BCAR

3BCAR Carnot institute gather a network of 18 research entities around shared issues of biomass valorization for applications in bioenergies, biobased molecules and materials. 3BCAR aims to support innovation and a sustainable bioeconomy emergence, by developing public-private partnership, in order to answer the R&D needs of companies. This network is labelled « Carnot Institute » by the research ministry, which guarantee professionalism and scientific excellence to its partners.

3BCAR Carnot institute mobilizes two key levers for Bioeconomy emergence: Biotechnologies and Green chemistry; gathering multidisciplinary approaches from biomass production, bioenergy until functional properties. Circular economy is considered by waste and byproducts valorization, cascading uses and eco-design.

3BCAR represents a one-stop-shop for companies to the skills of more than 500 scientists. Our team support you in building your innovative projects and identifying the best scientists to offer you a transversal and relevant answer according to your needs.

UNIVERSITÉ D’ANTANANARIVO

Booth n°17

IFMAS

IFMAS (Institut Français des Matériaux Agro-Sourcés) is a private R&D company set up in 2012, with expertise in biobased chemistry and materials. Based out of the Haute Borne Science Park (Villeneuve d’Ascq). IFMAS has a 2,400 sq m research center with six technological platforms focused on synthesis, polymerization, plastics processing, analysis, structural characterization and formulation. IFMAS target applications cover all the sectors that use chemical intermediaries and materials, from packaging to transport, building and electronics, cosmetics and medical.

Communication: Innovation session 1. IAR session
Tuesday 16th, 07:00 PM - 08:00 PM (Auditorium)

Booth n°18

SAIREM

Communication: Innovation session 1. IAR session
Tuesday 16th, 07:00 PM - 08:00 PM (Auditorium)

Booth n°19

PÔLE IAR

IAR is the French cluster dedicated to the Bioeconomy. It brings together more than 350 stakeholders from farmer cooperatives, research organisations and universities to VCs, start-ups, SMEs and large industries, including end-users, around a common goal: the optimal valorisation of renewable resources for food, feed, energetic and industrial applications. IAR’s activities focus on supporting the development of the bioeconomy in France and more specifically in the regions of Hauts-de-France and Grand Est. IAR’s ecosystem includes several innovation platforms dedicated to bio-based chemicals including B.R.I., an open biotech platform, offering services from lab-scale to demonstration and PIVERT aiming to develop a competitive bio-based chemistry sector based on oilseed crops.

To support its members, IAR developed several services supporting its members in all bio-based innovation development stages: IAR Projects – development of collaborative R&D projects; IAR Business Intelligence – monitoring, market and technological studies; IAR Invest – support in early stage funding; IAR Academy – getting access to the right competences; IAR International – developing business outside France and IAR Network – meeting with the bio-based community.

Chairman: IAR session
Tuesday 16th, 07:00 PM - 08:00 PM (Auditorium)
Booth n°20
SAS PIVERT

At the interface between research and industry, SAS PIVERT guides you in your innovation process and provides its expertise in industrial development. SAS PIVERT relies on BIOGIS Center, a multidisciplinary development platform in plant-based chemistry, in order to industrialise future processes and products, while respecting sustainable development.

Today, SAS PIVERT proposes two main offers :

- Technical offer based on ours R&D programs : The SAS PIVERT’s innovation projects range from the whole biomass life cycle, agricultural production to bioproduct transformation. This technical offer is based on an IP portfolio, tools and skills to develop innovative technological partnerships. Our products and processes are suited to market expectations.

- Service offer based on BIOGIS Center facilities which design for the economic and sustainable development processes integrating biomass pretreatment and its chemical / biotechnological transformation. Our service offer is based on development of processes, sample production, pilot series, toll manufacturing.

Communication : innovation session 1. IAR session Tuesday 16th, 07:00 PM - 08:00 PM (Auditorium)

Booth n°21
NOVASEP

Novasep is a leading provider of services in the field of molecule production and purification for the life science and chemical industries, based on an unrivalled pool of specialized technologies. Our Industrial Biotech Business Unit is dedicated to the markets of food & functional ingredients, fermentation products and chemical commodities.

Novasep is specialized in solving purification challenges from process development to industrial installations and from laboratory equipment to turnkey plants. Our unique know-how in purification technologies includes membrane filtration, chromatography, ion exchange, adsorption, electro dialysis, evaporation, and crystallization. We use our proprietary computer modeling tools to speed up your process development and optimization.

Such expertise enables Novasep to be the right partner for purification downstream process development in bio-based processes including sugars, organic acids, glycols, and other platform or intermediate molecule purification.

Novasep’s R&D and engineering capabilities in Europe, China, and the US provide worldwide support to their customers for biobased chemical related projects.

Communication : innovation session 1. IAR session Tuesday 16th, 07:00 PM - 08:00 PM (Auditorium)

Booth n°22
ARD

ARD is an R&D company located near Reims (France) located at the centre of the emblematic bio refinery site of Pomacle Bazancourt and member of the IAR cluster. Specialized in industrial biotech, plant extraction, purification and green chemistry, ARD offers internationally a wide range of services from process and product development, scale-up, industrial demonstration and custom manufacturing with 10m3, 180m3 fermentors and associated DSP.

ARD has also developed its own capacity to develop proprietary businesses, such as Soliance created in 1998 sold to Givaudan in 2014, and most recently Wheatoleo (2010), producing bio-sourced surfactants from pentose and vegetable fatty alcohol called Alkyl Poly Pentosides. Sold mostly in Europe, its wide range of biodegradable products offer key performances for detergents, cosmetics, pharma, pharmacy and various industrial applications. Developed at ARD premises for Wheatoleo, Biotech surfactants are now enlarging Wheatoleo’s offer with a newly launched Sophorose Lipid. Wheatoleo headquarters, production and R&D are located at ARD site.

Booth n°23
SEPROSYS

SEPROSYS offers consulting services, audits, training and development of patents in the field of liquid-liquid separation techniques and develops new applications in its laboratory.

Booth n°24
SCF

La Société chimique de France (SCF) est une association (Loi 1901) a but non lucratif, reconnue d’utilité publique. Elle a pour mission de mettre en réseau les chimistes quels que soit leur secteur d’activité (informations, colloques, prix et distinctions, aide à la recherche d’emploi…), de représenter leurs intérêts et de promouvoir la Chimie.

Booth n°25
INCREASE

The International Consortium on Eco-conception and renewable resources (INCREASE) A public/private research network hosted by the CNRS (FR CNRS 3707) where academic and industrial partners work together to tackle scientific hurdles and to jointly create an intellectual property roadmap. This public/private partnership should accelerate the commercialization of sustainable and safe chemicals to satisfy the need of our Society to limit its impact on the Planet. The gathering of public laboratories with cross-disciplinary expertise located in the western part of France. R&D centers and industrial companies involved in the field of green chemistry is also a great opportunity for members of INCREASE to gain visibility on the international scene. In this context, INCREASE has recently become a member of the Global Network of Green Chemistry Centres and is now well positioned to develop collaborative and innovative researches in the context of an international competitiveness and growth.
INSTITUT CHIMIE VERTE

The Green Chemistry Institute’s mission is to support regional projects of creation or mutation that reached the necessary technological readiness level. Those projects focus on the emergency of a sustainable industrial chemistry. In this context, all regional core competencies are mobilized, especially from the “Pole Eco-Industries”, the technology platform VALAGRO. Technological Resources Centers (CRITT) and more broadly from all public and private regional stakeholders in order to:

- Support small and medium size companies in their projects to enhance industrial processes eco-efficiency (process intensification, raw materials savings, water and energy savings). 
- Support small and medium size companies in the transition to use renewable or recycled materials. 
- Support innovative projects in the sector of recycling chemistry (metals, plastics, textiles, ...). 
- Develop the integration of green chemistry in the downstream sectors (plastics processing, cosmetics, phytosanitary products, coatings, adhesives, lubricants, resins, inks...).

Our expertise:
- Oleochemistry 
- Lignocellulosic chemistry 
- Bio-based polymers and materials 
- Process engineering

Our strength:
- A 25-year experience in green chemistry 
- Over 60 patents developed for our clients 
- A 25-year experience in green chemistry 
- Strong partnerships with universities, public research and industrial R&D centers.

Communication : innovation session 2.
Thursday 18th, 11:00 AM - 12:00 AM (Auditorium)

VALAGRO

VALAGRO is a R&D center dedicated to the valorization of biomass, byproducts and industrial waste. Our mission is to support industrial innovation with processes based on green and sustainable chemistry:

- Substitution of petrochemical components with bio-based molecules. 
- Industrial waste and byproducts valorization, 
- Eco-designed processes.

Our offer: 
- R&D. 
- Experimental production and toll manufacturing, 
- Technological transfer.

Our expertise: 
- Oleochemistry 
- Lignocellulosic chemistry. 
- Bio-based polymers and materials. 
- Process engineering.

Our strength: 
- A 25-people multidisciplinary team, specialized in industrial chemistry and process engineering. 
- Over 60 patents developed for our clients. 
- A 25-year experience in green chemistry. 
- Strong partnerships with universities, public research and industrial R&D centers.

Communication : innovation session 2.
Thursday 18th, 11:00 AM - 12:00 AM (Auditorium)

LABORATOIRE XERES

Laboratoires Xerès is a French company funded in 2014 and specialized in aerosol-therapy. Vectorization technologies are based on the use of aerolizable biosolvents as carriers of APIs. These biodased solvents are validated in terms of safety, stability and are able to increase APIs bioavailability.

Labo Xerès en Aerosol-therapy.

BIOCORIUM

Fermented food and plants have been used for many thousands of years to improve well-being and good health. BioCorium proposes a prebiotic strategy for new skin cares from fermented products: increasing bioavailability of actives, providing essential nutrients and rebalancing cutaneous microbiota. Its technology is able to convert vegetal totum in extracts containing naturally synergic and efficient compounds. Come and experience our different formulations, from creams to amazing masks. From plants, fruits, vegetables or by-products of cosmetic or agri-food channels BioCorium can give you the essence of life!

Communication innovation session 2.
Thursday 18th, 11:00 AM - 12:00 AM (Auditorium)

INSTITUT CARNOT

Institut Carnot Chimie Balard Cirimat, l’excellence en Chimie et Matériaux au service de la R&D. L’Institut Carnot Chimie Balard Cirimat génère de l’innovation pour les entreprises en science chimique et ingénierie, de la molecule au matériau. Il propose des partenariats de recherche dans 5 domaines d’application:

- Energie
- Santé et cosmétique
- Chimie et procédés durables
- Matériaux pour le transport
- Matériaux haute performance

Dans le domaine de la chimie et des procédés durables, nos compétences et savoir-faire s’organisent autour des 5 axes :

- Ressources renouvelables et nouvelles propriétés
- Substances alternatives et éco-compatibles
- Intensification des Procédés
- Ecoconception et mise en forme de matériaux
- Traitement et valorisation des déchets et effluents

Providing industrial projects for Sustainable Chemistry

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• Support small and medium size companies in their projects to enhance industrial processes eco-efficiency (process intensification, raw materials savings, water and energy savings…);
• Support small and medium size companies in the transition to use renewable or recycled materials;
• Develop the integration of green chemistry in the downstream sectors (plastics processing, cosmetics, phytosanitary products, coatings, adhesives, lubricants, resins, inks…).

Jacques BARBIER
Président de l’Institut de la Chimie Verte

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PRACTICAL INFORMATION

Taxi

Abeilles Taxis
Phone: +33 5 46 41 65 55
Phone: +33 5 46 41 22 22
www.taxi-la-rochelle.com

Travel

Train Station:
Place Pierre Semard, 17000 La Rochelle
More information (Practical information, schedules...):
Phone: 36 35
Website: www.voyages-sncf.com

Airport La Rochelle – Ile de Ré:
17000 La Rochelle
Phone: +33 5 46 42 30 26
Website: www.larochelle.aeroport.fr

Tourism office

2 Quai Georges Simenon 17000 La Rochelle
Phone: +33 5 46 41 14 68
Website: www.larochelle-tourisme.com

Restaurants

A list is available at the information desk

Pharmacy

Drapeau Germain
10 Quai de la Georgette, 17000 La Rochelle
Phone: +33 5 46 41 97 90

Pharmacie des Amériques
49 Avenue des Amériques, 17000 La Rochelle
Phone: +33 5 46 41 17 50h

Post office

A6 Rue Hôtel de Ville, 17000 La Rochelle
Phone: 3631
Website: www.laposte.fr

Bank

Crédit Agricole Charente-Maritime Deux-Sèvres
16 Avenue Albert Einstein, 17030 La Rochelle
Phone: +33 9 74 75 76 77
Website: www.ca-cm2.fr

BNP Paribas - La Rochelle Minimes
39 Rue de la Scierie, 17000 La Rochelle
Phone: +33 8 20 82 00 01
Website: www.bnpparibas.net

SYMPOSIUM VENUE MAP