

INNOVATION SUMMIT 2016
CELEBRATING 60 YEARS OF PIONEERING IN INDUSTRY



19+20 OCT. 2016

CLEXTRAL

To celebrate **60 YEARS** of innovation, Clextral invites you to

THE INNOVATION SUMMIT 2016

October 19th - 20th

Saint-Etienne - France

- An international event
- 2 days conferences and 2 gala evenings
- world-class speakers
- Conferences, workshops, networking
- Crucial themes : valorization of cereals, vegetable proteins, extrusion porosification, aquaculture, bio-mass, digital

REGISTER NOW on

www.clextral-innovation-summit2016.com



Programme

2016, October 18th

From 2:00 PM Guided tour of CLEXTRAL SAS Research center

From 6:30 PM Launching at the Geoffroy Guichard Stadium

To launch our 2-days seminar, we chose to welcome you in a mythical place of Saint-Étienne, the ASSE soccer team stadium.



2016, October 19th

From 8:30 AM First day of the Innovation Summit (see previsual programme below)

From 6:30 PM Gala evening at the Musée de la Mine – Saint-Etienne

We invite you for a dinner in this landmark in the history of Saint-Étienne and its region, the "Mine museum". Illuminated at night, the "Puits Couriot" is a must-see place !



2016, October 20th

From 8:30 AM Second day of the Innovation Summit (see provisional programme below)





PREVISIONAL PROGRAMME – 2016, October 19th – Congress Center of Saint-Etienne

Time	Title	Speaker
08:30	Welcome	
	KEYNOTE – Global Food trends and the role of Science and Technology	Martin COLE <i>CSIRO - Australie</i>
	Changes in human consumption patterns: The increasing importance of proteins in our diets, and the emergence of flexitarianism	Jean-Louis LAMBERT <i>Economist / sociologist - France</i>
	Break	
	High Moisture Protein Fibration of pulse ingredients	Shannon HOOD-NIEFER <i>SFIDC - Canada</i>
	Tasting of fibrated vegetable proteins	
12:30	14:00	Lunch
	Flexible innovation and impact of the “better-for-you” trend in R&D	Kevin TRICK <i>PepsiCo – U.S.A.</i>
	Promoting & developing sustainable Crop farming in Canada	Graham WORDEN <i>CIGI – Canada</i>
	The Moroccan miller industry and its development	Abdellatif IZEM <i>FNM – Morocco</i> Mahjoub SAHABA <i>IFIM – Morocco</i>
	Break	
	Introduction to food powders	Jérome VALLEJO <i>LESAFFRE – France</i>
	A comparison of the retention of volatile compounds in coffee using different drying technologies.	Darren GARDINER <i>CSIRO – Australia</i>
	Conclusion	
18:30	00:00	Gala at the « Musée de la Mine » of Saint-Etienne





PREVISIONAL PROGRAMME – 2016, October 20th – Congress Center of Saint-Etienne

Time	Title	Speaker
08:00	Welcome	
	Global aquaculture : opportunities and challenges	Sadasivam KAUSHIK <i>INRA – France</i>
	Aqualande Group :developing an integrated, sustainable French aquafarming sector	Emmanuel MAZEIRAUD <i>Aqualande – France</i>
	Overview of the challenges of the pet food industry	Chloé CHAMPION <i>DIANA PET FOOD – France</i>
	Break	
	Commercializing new biomass conversion technologies	Jack BARON <i>SweetWater – U.S.A.</i>
	Detailed report on second-generation industrial production plants for ethanol	Louis TIERS <i>I.A.R. - France</i>
	From agro-resources to bio-based molecules: Research and Development in the Laboratory of Agro-Industrial Chemistry	Gérard VILAREM <i>Virginie Van Den Bossche Laure Candy L.C.A. Toulouse - France</i>
	Twin-screw fractionation in the refining of agricultural resources	Luc RIGAL <i>L.C.A. Toulouse - France</i>
	12:35 14:00	Lunch
Company-University relations		Pierre SOUDAN <i>Saint-Etienne University Foundation – France</i>
What if digital transformation was not only a question of technology ?		Olivier BLACHON <i>VISIATIV – France</i>
Industrial Product Service Systems - an important transition and a deep transformation for manufacturing companies.		Xavier BOUCHER <i>Ecole des Mines – France</i>
	Conclusion	



SPEAKERS - 2016, October 19th

Congress Center of Saint-Etienne



Martin COLE – Professor / CSIRO Food Service Director

KEYNOTE – Global food trends and the role of Science and Technology

Professor Martin Cole is an internationally recognized food scientist and accomplished science leader with over 25 years' experience in research management across government, academia and industry. Professor Cole is currently Director of CSIRO Flagship of Food and Nutrition. Professor Cole joined CSIRO as Chief of Food and Nutritional Sciences in January 2010 and was appointed as the first Chief of the division of Animal, Food and Health Sciences in July 2012.



Jean-Louis LAMBERT – economist / sociologist

Changes in human consumption patterns : the increasing importance of plant proteins in our diets, and the emergence of flexitarianism

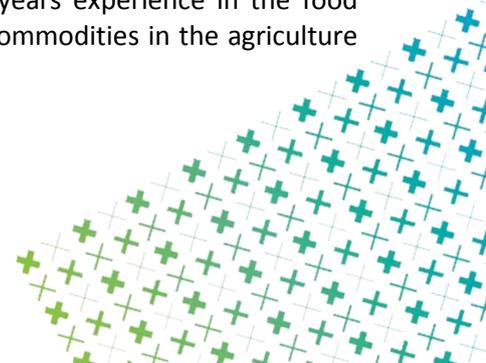
Economist and sociologist. J-L Lambert was a teacher and researcher at the *Ecole d'Ingénieurs des Techniques des Industries Agro-Alimentaires* (Technical Food-processing Engineers' School), in Nantes until 2007. From 1975 onwards, he specialised in analysis of food-processing systems, and in particular in consumer behaviour and representation. He is currently a joint-leader of the French Food & Health Fund's "Food Behaviour" and a member of the Nutritional Progress Charters committee of the PNNS (France's National Nutrition and Health Programme).



Dr Shannon HOOD-NIEFER – Vice President of Innovation and Technology at the SFIDC (Saskatchewan Food Industry Development Centre)

High-moisture protein fibrillation

Shannon is currently the Vice President of Innovation and Technology at the Saskatchewan Food Industry Development Centre, a not-for-profit organization assisting food manufacturers in developing and manufacturing new food products, as well as assisting companies with food safety. Dr. Hood-Niefer has over 15 years experience in the food industry conducting research and development on various commodities in the agriculture sector, pulse ingredient utilization and extrusion technology.





Kevin TRICK – PepsiCo (USA)

The valuation of cereals

Kevin Trick is the Sr. Director leading the Extrusion Function for PepsiCo Global Snacks R&D. In this role, he leads the teams responsible for: global extruded breakthrough and reframe innovation, forward-compatible technology solutions, functional capability, and platform technical guardrails.



Sidi Mohamed JAMAL EDDINE / Mahjoub SAHABA – IFIM (Morocco)

Interview: The Moroccan milling industry and its developments

Chemical engineer Mohamed Jamal Eddine graduated from the Compiègne University of Technology in 1980, and began his career in the steel industry and in phosphates before going on to work for the Moroccan Ministry of Industry prior to joining the Savay Group. He then went on to manage two companies in particular: Tria (flour production) and Arzak (pasta and couscous), both of which are references on the Moroccan market and beyond. Mohamed Jamal Eddine has been the vice-chairman of Fimadattes⁽¹⁾, the Moroccan interprofessional date federation, and a member of the FIAC⁽²⁾, the interprofessional federation for cereal-related activities, since 2011.



Mahjoub Sahaba graduated in political sciences at the Casablanca Faculty of Law and management at the ISCAE business school in Casablanca. He also has a Master's degree in management from the Euro Arab Management School. He has occupied several positions: inspector of finances, director general of ESIG, the Graduate School of International Management in Casablanca, academic co-director of the MBA programme for University of Sherbrooke in Casablanca, manager of human resources and training for Total Morocco, consultant and manager of the Institute of Human Resources (IRH). He joined the IFIM, the training institute for the milling industry in June 2003 as its manager, developing cutting-edge activities and services in favour of professionals in the flour-milling industry and other cereal industries. He is also the leader of the project aimed at reinforcing the capacities of the industry and the IFIM in the field of durum wheat and leguminous plants.





Promoting Canadian field crops

Paul EBBINGHAUS – Technologist, Pasta Technology

Paul Ebbinghaus joined Cigi in 1988 and has been working in the area of pasta technology since 1998. In his role as technical specialist, he provides practical demonstrations for Cigi programs, participates in overseas missions, and works on research projects and fee-for-service activities involving pasta and other extruded products. Paul, who was raised on a farm in Lockport, Manitoba and continues to assist with family farm operations, also has previous experience working as a technician in Cigi’s pilot flour mill and pilot noodle plant.



Graham WORDEN

Graham has worked over 40 years in grain milling, quality assurance and market development in the Canadian and international grain industry. He is currently Project Manager, Morocco Initiative and leads this important project linking Canadian and Moroccan expertise in milling training and value added activities. Prior to this position he worked in market development and technical support activities with a private grain merchandising and wheat milling company in Canada as well as almost twenty years with the Canadian Wheat Board where he travelled to over 50 countries on technical and market development missions. Early technical training was in the milling and baking industries in Montreal.



Jérôme VALLEJO – LESAFFRE Ingrédients Services (France)

Powders: Use and production methods

Jérôme Vallejo graduated as an engineer from ENSIA, a French Grande École devoted to the food-processing industry, and has a post-graduate diploma in Enzymology, Bioconversion and Microbiology engineering (and has published works for the Institute of Food Research in Norwich, GB). He joined Lesaffre group in 1995 and was based successively in Mexico and Argentina as manufacturing manager of dry yeast, prior to joining the Lesaffre Ingrédients Services in Cérences (France) as drying production manager. He is now in charge of the Process and Innovation department, which includes in particular an expert laboratory for the characterisation of powders in Rennes and also provides process assistance throughout the Lesaffre group for the commissioning of installations all over the world (China, USA, etc.)



Darren GARDINER – Food Manufacturing Team Leader

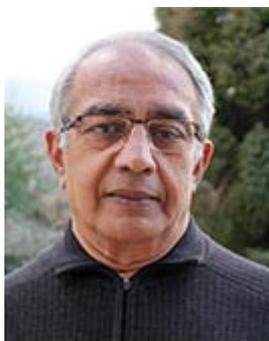
A comparison of the retention of volatile compounds in coffee using different drying technologies

Darren is the Food Manufacturing Team Leader and is responsible for leading the CSIRO’s pilot plant operations and food manufacturing capability. He has worked in the dairy industry for over 20 years with more than 10 years in research and development with particular experience in powder technology. Darren has a Bachelor of Science from RMIT and a diploma in Dairy Technology from the University of Melbourne.



SPEAKERS - 2016, October 20th

Congress Center of Saint-Etienne



Sadasivam KAUSHIK – European Research Area (ERA) Chair, EcoAqua, Univ Las Palmas, Spain

Global aquaculture : opportunities and challenges

Prof Sadasivam (Sachi) Kaushik was until October last, Director of Research in INRA, working in the area of Fish Nutrition since more than three decades, as the founder-director of the Fish Nutrition Joint research units and head of the Hydrobiology Station at St Pee sur Nivelles, France. He continues to coordinate an FP7 project, ARRINA (www.arraina.eu). Currently, he holds a position as European Research Area (ERA) Chair at the University of Las Palmas, Spain, on Ecosystem approach on Sustainable aquaculture development (www.ecoaqua.eu).



Emmanuel MAZEIRAUD – Aqualande (France)

Development of a sustainable integrated french aquaculture industry

Emmanuel Mazeiraud graduated from the Engineering school of Purpan and has devoted almost twenty years to the French fish farming sector. In charge during ten years of the Cooperative les Aquaculteurs Landais, he became in 2007 Technical Director and Quality Director of Aqualande group. He recently took new responsibilities as director for fish farming, fish farming quality, R&D and genetics for Group Aqualande.



Chloé CHAMPION – Global Markets & Trends Manager

Overview of the challenges of the pet food industry

Master in Agronomy from Agro Paris Tech. Chloé Champion specializes in food technology. She also owns a master's degree in marketing from ESSEC Business School. She joined DIANA Pet Food Division, member of the Symrise Group, twelve years ago following a first experience in fundamental research. After several years as product manager and corporate marketing manager Chloé Champion is now SPF Europe Marketing Manager; she is also responsible for Global Markets & Trends





Jack BARON – Sweetwater (USA)

Commercializing New Biomass Conversion Technologies

Co-founder, President and Chief Marketing Officer at PAETEC Corp (Fortune1000). Mr. Baron lead product development, multiple sales groups as well as all subsidiaries, and grew annual revenue to over \$2.2 billion annually. National Vice President of Sales and Marketing at ACC Telecom. From 1995-1998 Mr. Baron grew annual company revenues over 300% in 3 years.

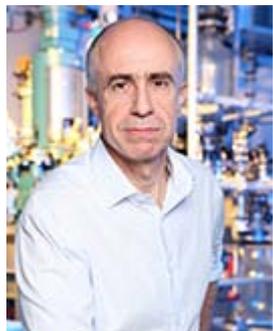
He is now President and Chief Operating Officer at Sweetwater Energy.



Louis TIERS – Head of Prospective Intelligence

Detailed report on second-generation industrial production plants for ethanol

Master's degree in Management – Information Management & Development Strategy and in Philosophy – Philosophy of Sciences, Louis Tiers is currently Head of Business Intelligence in Industry & Agro-Resources department of Industry & Agricultural Resources Cluster.



Gérard VILAREM – Director of LCA (The Laboratory of Agro-Industrial Chemistry)

From Agro-resources to bio-based molecules: Research and Development in the Laboratory of Agro-Industrial Chemistry

PhD of the National Polytechnic Institute of Toulouse, in Agrochemical, Gérard VILAREM leads a research group “Essential oils, natural dyes and secondary metabolites” in the Agroresources fractionation and AgroIndustrial manufacturing process of LCA since 1989.

Director of LCA since January 2016, Gérard VILAREM was Deputy Director of this laboratory from 2011 to 2015 and was also Director of Technology Resources Center CATAR from 1991 to 2010.





Luc RIGAL – Research Engineer in the Laboratory of Agro-Industrial Chemistry (LCA)

Twin-screw fractionation in the refining of agricultural resources: breakdown of biomass into extracts for the chemistry of renewable carbon and into refined products to produce agricultural materials

Luc Rigal is an Engineer who graduated from ENSC Toulouse, with doctorates in engineering and in Sciences from the Toulouse *Institut National Polytechnique*. He is responsible for LCA's resource management and its technology-transfer centre, CATAR. He heads the Fractionation of Agricultural Resources and Agricultural Industry Process-Conversion team, and also the AGROMAT platform (which serves as a demonstration and technology-transfer centre for the plastics fabrication of agricultural equipment).



Pierre Soudan – general director of Saint-Etienne University Foundation

Superior Education & Industry

Pierre Soudan took up his position as director general in Saint-Etienne in February 2015, his mission being to monitor the implementation of the Foundation's global strategy and develop new university/company partnerships, while structuring and coordinating the partner network.

Engineer of the French Naval Academy. Graduate of the Ecole Supérieure de Guerre navale. Rear Admiral (2s). Commander in the Order of the Legion of Honour. Knight of the National Order of Merit. *Cross for Military Valour* with two mentions in dispatches. Aeronautical Medal.



Olivier Blachon – Senior VP Business Development – Visiativ

Perspectives the evolution of the interactions the companies with their stakeholders

ECAM Lyon graduated in 1988, Olivier joined Visiativ in 1989 to develop the Professional Services Business around Computer Aided Design software solutions. In 2003, he was appointed Managing Director of Axemble, a Visiativ Group's subsidiary, to develop Dassault Systèmes Solidworks Solutions business for Mid Market Industrial companies. Appointed Industry Business Unit Managing Director in 2011, he coordinates all Dassault Systèmes's partnership and creates a new subsidiary Visiativ Solutions in order to develop 3DEXPERIENCE platform business. In 2013, he became Senior VP Business Development Visiativ Group, in charge of strategic partnerships, mergers and acquisitions and international development.





Xavier Boucher – Professor in Industrial Management at Ecole des Mines de Saint Etienne, Institut Fayol. Leader of Product-Service Research Group.

Industrial Product Service Systems – An important transition and a deep transformation for manufacturing companies

Currently Professor in Industrial Management at the Ecole Nationale Supérieure des Mines de Saint Etienne (France) where he is teaching production management and re-industrialization strategies for Ecole des Mines engineering students. His main research orientation is currently focusing on design of Product-Service-Systems (PSS) and change of industrial Business Model by a transition towards service-integrated activities for manufacturing companies (servitization process).





USEFUL INFORMATIONS

The 2-day seminar, food and shuttle buses are free but travel, accomodation booking and fees will be at your expense.

To participate, please register online **(required)**.

[Click here to register](#)

TRANSPORTATION

Clextral will provide free shuttle buses from Lyon Saint-Exupery Airport (LYS) and between the different locations of the Congress in Saint-Etienne.

ACCOMODATION

You can book a room via our online booking platform until September 30th. All the hotels have been selected by Clextral and all rates are negotiated.

[Click here to book a room](#)

<http://www.clextral-innovation-summit2016.com>