



4th CRESTING TRAINING WORKSHOP

“The local and regional of the Circular Economy”

2nd to 7th February 2020 -Troyes, FRANCE

Organised by research lab CREIDD (Interdisciplinary research on transition towards sustainable socio-technical systems) of the University of Technology of Troyes



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About the fourth Cresting workshop

Aim and scope

The 4th Cresting workshop will be held from the 2nd to the 7th of February 2020 in the city of Troyes, France. This workshop is the second workshop of the second year of PhD training for the Early Stage Researchers making part of the MCSA-ITN funded project titled “Circular Economy: sustainability implications and guiding progress (CRESTING). The University of Technology of Troyes will be the host institution for this workshop.

This workshop will focus on the following objectives:

1. To provide knowledge and understanding of issues involved in building a regional circular economy.
2. To introduce practices and implications of communication and dissemination, including in an open source access content.

To achieve the first objective, we propose to explore and analyse the concept and operationalisation of the Circular Economy in France. With the guidance of national, regional and local representatives of different French institutions, the participants will explore during the week the development of regulations (European and French law regarding circular economy), and financing mechanisms to implement the transition to a circular economy. The participants will be exposed to the current opportunities and challenges the transition towards a circular economy implies for both the public and the private sector. This transition also poses questions regarding the levels of sustainability that the circular economy can achieve in different sectors of society and that’s why is imperative for the participants to engage in discussions about the “territorialisation” of the Circular Economy. From global to local, we will explore together the impact of the circular economy agenda.

To achieve the second objective, we propose meaningful discussions with experts on the current and future opportunities and challenges of Open Source, as well as the current different strategies of communication and dissemination of researchers. The participants will learn and contribute to conversations that go from the use of social media (for researchers and for the general public) to the impact of alternative ways of communication of research content (through arts, virtual reality, festivals and other communication platforms).

During the workshop, the ESRs will provide an update on their research. The update includes reflection on their research questions after one year of bibliographic and active work done. Each ESR will perform a presentation on the scientific method(s) of data collection (what data, how and why) and data analysis (what theoretical frameworks, in order to obtain what types of results) of their research.

Host institution

Université de Technologie de Troyes (UTT)

Research, training and technology transfer are the three missions of the University of Technology of Troyes (UTT). A public establishment created in Troyes in 1994, the UTT is today among the 10 most important engineering schools in France.

The UTT relies on its 8 research teams to offer training covering the entire university spectrum: Bachelor, Master, Engineer and Doctorate, short professional training (University Diplomas), specialized Masters® programs, VAE and language certifications.

The university is a member of the Conference of Directors of French Engineering Schools (CDEFI), the Conference of Grandes Ecoles (CGE), the Conference of University Presidents (CPU). It is also a member of the UT Group. It brings together the four universities of technology with the UTBM (Belfort-Montbéliard) and the UTC (Compiègne) as well as the UTSEUS (Sino-European University of Technology of the University of Shanghai created in 2005).

A research model turned towards excellence

UTT's research is structured around the Charles Delaunay Institute (ICD). It brings together all of UTT's research stakeholders.

Two cross-cutting themes provide an interdisciplinary research framework for the ICD teams: Global Security and Services and Industry of the Future

The university has developed a strong capacity from the outset to work closely with businesses in the fields of partnership research, innovation, and initial and continuing training. It maintains strong links with the economic world. More than 3000 companies are partners of the university.

A strategy for opening up and building the future

The UTT is also an actor in the economic and social development of its territory, Aube, Champagne and Grand Est. It actively participates in the dynamics of innovative ecosystems through academic, territorial and scientific projects and groupings.

Organising committee



Sabrina Dermine-Brullot
Associate professor
Université de Technologie de Troyes



Estephania Delgadillo
PhD Student
Université de Technologie de Troyes



Tatiana Reyes
Associate professor
Université de Technologie de Troyes



Santiago Perez
PhD Student
Université de Technologie de Troyes



Nadège Troussier
Full professor and director of the CREIDD
research lab
Université de Technologie de Troyes



Sophie Leveque
Secretary HETIC
Université de Technologie de Troyes

Invited Speakers

Nadège Troussier

Full professor and director of the CREIDD research lab
Université de Technologie de Troyes

Nadège Troussier is Professor of The University of Technology of Troyes, France, since September 2012 and is in charge of the CREIDD (Interdisciplinary research center on sustainable development). Her research interest is concerned with information system for responsible design of sustainable systems. She obtained at the Grenoble Institute of Technology, France, a Master of Science in Mechanical Engineering and a Mechanical Engineering Degree in 1996, and a Ph.D. in Mechanical Engineering in 1999. She was associate professor at the University of Technology of Compiègne from 2000 to 2012 where she was contributing to a knowledge management and knowledge modeling approach in order to enhance the use of virtual prototyping throughout the system design process in order to manage the system performance and robustness.



Nathalie Boyer

Orée

Nathalie is the ambassador for the circular economy, chair(wo)man of national consultation workshops, participation in the development of French circular economy policy and its dissemination.

Specialist in issues related to CSR (member of the national platform chaired by the Prime Minister and of the commission on indicators of sustainable development), climate change, circular economy, biodiversity in business strategies and social issues (local anchorage, supplier value chain, training/education, professional integration), she is a member of the CSR labeling committee and of the boards of directors of associations and also has worked on the implementation of national and European multi-stakeholder projects.



She has developed strategies of promotion of the 180 members of Orée (Large Groups, communities, SMEs) and actions of ministries and she holds the title of “Knight of the Legion of Honour”.

Adrian Deboutiere

Responsable des études et territoires
Institute National de l'Economie Circulaire

Responsible for studies and territories within the French National Institute for Circular Economy since 2015, Adrian Deboutière assists companies and territories in their circular economy strategy. He has been developing and managing industrial symbiosis programs at the national and regional levels, as well as the deployment of the international network of circular economy platforms. He supports several local authorities in the definition of circular action plans (cities, regions), and carries sectoral studies on circular economy implementation (energy, construction, etc.)



Gregory Lannou

Director
Club d'Ecologie Industrielle de l'Aube

Grégory LANNOU is a senior engineer at the Departmental Council of Aube, made available, since 2011, to Biogaz Vallée®, a national cluster whose ambition is to develop the industrial methanisation sector in France. He ensures the function of Director, over 80% of his time. The remaining 20% is devoted to the coordination and animation of the Aube Industrial Ecology Club, an association of public and private decision-makers who carry strategic thinking for the sustainable development of their activities in the departmental territory. Previously, and for 8 years, he worked at the Troyes University of Technology, as a valuation engineer, to transfer technology there, from his research team CREIDD (Center for Research and Studies Interdisciplinary on Sustainable Development). It involved transferring research work and training to companies and communities, in particular through multi-partner projects.

He holds two engineering degrees, one French and one Dutch, in mechanical systems engineering. He then turned to sustainable development by obtaining a master's degree in industrial ecology and territorial approach. He also holds the rank of territorial engineer of the public service since 2008.



Bernard Pecqueur

Professor

Université Grenoble Alpes

Bernard Pecqueur, economist and developer, is professor emeritus at the University of Grenoble Alpes (France). He is a specialist in the dynamics of territorial economic development. He developed in particular the notions of “territorial governance”, “specific resources” and “basket of goods and services” which enabled him to broaden the notion of Industrial District defined by Alfred Marshall, to develop with other economists Grenoble, the concept of "Local Productive System" (SPL). He is currently working on collaborative coordination such as living labs, fab Labs or even Third Places. He recently published with Fabien Nadou, a collective work: Territorial dynamics and economic changes: transition, intermediation, innovation, L’Harmattan, Paris 2018.



Alexandre Lemille

System Thinker in Human Abundance

Alexandre leads discussions about our next economy focusing on addressing human needs thanks to system circularity - our best path to guarantee well-being for all - according to him.

To achieve this he suggests to insert a Circular Humansphere that would improve our decisions aiming at preserving the ‘life equation’ on Earth. The Circular Humansphere shifts the objectives of a Circular Economy, accelerates our work on United Nations SDGs and Human Development, and could help us reach out to a Doughnut Economy faster.

Alexandre was recognized by the World Economic Forum as “Highly Commended” in the Circular Economy Leadership category (2016). His work on Optimization of Circular Value was greeted by the Chatham House UK (2017). In 2018 he was recognized top 25 Change Maker by ChangeHackers.

He holds an MBA from Hult International Business School, Boston, MA, USA and is currently a senior lecturer at Sciences Po Paris, Bradford University UK, University of Cape Town South Africa and ENSAIT Textile Engineering School France.



Anne Mette

Carbonex
Communication manager

Born in Copenhagen, “Auboise” since 1993. Married and mother of 3 wonderful “globetrotters”.

Business background with more than 25 years of experience in renewable energies inspired by Scandinavian influences.

Communication manager at Carbonex, a Green Energy and Charcoal Producer. French family company with strong environmental values and commitments to CSR (Corporate Social Responsibility), Circular Economy and with innovative technological solutions to help reducing the Global Warming.

Carbonex has internally developed a unique process in the transformation of wood to charcoal, protected by several patents.



Fabrizio Ceschin

Senior Lecturer in Design
Brunel University London

Fabrizio is a Senior Lecturer in Design for Sustainability and member of the *Design for Sustainable Manufacturing* research group and the *Human Centred Design Institute (HCDI)* at Brunel University. He worked at Politecnico di Milano University for six years before joining Brunel University in 2012.

He carries out research in the area of: 1] **Design for Sustainability and Circular Economy**, and in particular in developing tools to innovate and design products, services and product-service systems (business models) integrating socio-ethical, environmental and economic sustainability principles; 2] **Co-Design**, and in particular on the development of strategies, methods, and tools to support multi-stakeholder and participatory design approaches. Over the past years he has been an investigator in several international and national research projects, funded by the European Commission, EPSRC, Innovate UK, British Council, SMEs and multinational enterprises. His research projects have resulted in more than 40 journal and conference publications and 2 books. Fabrizio has been teaching in the areas of design for sustainability and co-design over the past 10 years.



He is currently teaching modules on *Environmentally Sensitive Design* and *Sustainable Design*, and he is *Director of the MSc Integrated Product Design*. He is a member of EPSRC Peer Review College, member of British Industrial Design Association, and a Fellow of the Higher Education Academy.

İdil Gaziulusoy

Professor of Sustainable Design at Aalto University
& Board Member at Finland Futures Academy

İdil is a Professor of Sustainable Design at the Department of Design, Aalto University. She is a sustainability scientist and a design researcher, developing a teaching and research portfolio for imagining sustainable, equitable and resilient future systems through various approaches in design research and developing interventions to achieve these proposals. Her work is concerned with socio-technical and socio-ecological systems with a particular focus on production-consumption systems and cities.

She is a global pioneer in the emerging area of design for sustainability transitions, developing theories and methods/tools for design practice dealing with sustainability transitions.



Luca Macrì

Associate Dean, Professor
Politecnico de Milano

Luca Macrì is Research Fellow and Operative Manager at the *LeNS_Lab Polimi / Design and system Innovation for Sustainability (DIS)*, within the Design Department of Politecnico di Milano. He has been Project Manager of the *LeNSin* project, international and multi-partner research project funded by the Erasmus+ Programme of the European Union.



He has been Project Manager for Politecnico di Milano within *GIOTTO – The circular economy for the competitiveness of Made in Italy industry*, a research project funded by the Italian Ministry of Education and University (MIUR). As regards the experience with privately-funded projects, he is currently coordinating the design area of *Re-NetTa – Remanufacturing Networks for Tertiary Architectures*, a multidisciplinary and multi-stakeholders research supported by Fondazione Cariplo. In terms of education background, Luca earned a bachelor degree in Product Design and a M.Sc in Product-Service System Design at Politecnico di Milano (110/110), which included an exchange semester at Cape Peninsula University of Technology (Cape Town).

Carlo Vezzoli

Full Professor of Design - *labLeNS_Lab Polimi*
Politecnico de Milano

Carlo Vezzoli is Full Professor of Design at the Politecnico di Milano University. For nearly 25 years he has been researching and teaching on design for sustainability. Nowadays he holds the courses of product *Design for environmental Sustainability* and *System Design for Sustainability* and he is the head of the research *labLeNS_Lab Polimi / Design and system Innovation for Sustainability (DIS)*.



He has delivered worldwide courses, lectures in universities and keynote speeches in conferences. Since 2007 he is founder of the *Learning Network on Sustainability* which is a worldwide multipolar network of 152 design Universities covering all continents, with the aim of diffusing design for sustainability with an open access ethos. He wrote several books, among which *Design for Environmental Sustainability. The Life Cycle design of Products* published in English, Italian, Spanish, Portuguese and Chinese and *Product Service System Design for Sustainability* published in English, Chinese, Portuguese and Spanish (on print).

Tatiana Reyes

Associate professor - CREIDD
Univesité de Technologie de Troyes

Tatiana's research focuses on understanding the mechanism to integrate and operationalize the concept of DfS (Design For Sustainability) in different scales in the current and future industrial systems.



She explores, in her research, the means to create 'fertile soil' in the different realms of society that could serve as catalyst for a deeper systemic change towards a strong sustainability. Tatiana recognizes that the core problem of today's society is the misalignment between the values of humans and nature, and she proposes a human evolution towards more comprehensive sustainable lifestyles. For Tatiana, designers are in the centre of the change as she proposes that designers play a role of 'creators' of the solutions to the societal challenges. Designers also carry the tools to orient the industrial system to a transformation towards sustainability, which is crucial to activate deeper societal change in the current and future generations.

Victor Petit

Associate Professor

Université de Technologie de Troyes

A philosopher by background, I defended my thesis in philosophy-epistemology on the history and philosophy of the notion of milieu, at the University of Paris VII (Paris Diderot), in 2009. In parallel with many post-doctoral fellowships that have brought me into contact with information and communication sciences and eco-design, I have pursued my philosophy of milieu (Umwelt and Medium), at the crossroads of environmental philosophy and the philosophy of technology.



I was a teacher of history and philosophy of science and technology, but more and more, my teachings focus on the history of ecological thinking, in different disciplines.

I am an associate researcher at the laboratory Costech (UTC). My research topics within the CREIDD, which I rejoined in September 2019 to become a permanent member, are the modalities of the ecological transition, its heritage and its future (political ecology, bioeconomy...).

In my career, I have had the honor to associate, but different, philosophies as Bernard Stiegler and Jean Gayon.

Jean-Baptiste VU Van

University Library

Université de Technologie de Troyes

Jean-Baptiste Vu Van works at the Library of the University of Technology of Troyes. In charge of the digital library department, he manages subscriptions and access to scientific databases and is the university contact for publishers and negotiators. Ever since 2018, he also heads the Library Research support service. One of his missions is to usher the university researchers towards Open Science. As such, he administers the institutional Open Archive, HAL UTT, and prepares PhD Students and researchers to the diffusion of their works in open access.



Stuart Robertson
PhD Student
University of Salford

Stuart is a passionate and experienced scientist and science communicator.

He has extensive experience in the world of science. During his BSc, MSc, and PhD, he has built skills in research, analysis, data management, coding, spatial analysis, report writing, presenting and communicating research, to name a few. In conjunction with this he has been working to build a C.V. and experience in science communication and public engagement, both in person at festivals and engagement events, and through social media.



As well as the below engagement activities, he is affiliated with, and provide support for, external public engagement and charitable organisations who are concerned with furthering environmental causes and scientific research. These include SeaStraw (<https://www.seastraw.co.uk/>) and The UK Associates of the Bermuda Institute of Ocean Sciences (<http://www.bios.edu/education/uk-associates-of-bios/>) for whom he is coordinating their online presence, including a standalone website, integrated blog site, Instagram, and Facebook, with Twitter in the pipeline.

Program and training details

Program overview

		Session 1		Session 2		Session 3		Session 4	Cool activity	Dinner
Sunday 02/02/2020		Visite au lac de la forêt d'Orient					Guided visit : Historical centre of Troyes	Free	Free	Free dinner
Monday 03/02/20		9h-9h30 : Workshop introduction	Break	11h30-13h : Circular Economy in practice (Adrian Deboutières - National Institute on Circular Economy)	Lunch	14h-15h30 : Round table - Development of CE in Grand-Est region (Adrian Deboutières, Grégory Lannou, Anne Mette,	Break	16h30 : Field Visit - Le Foyer Aubois	Free	Diner à l'Illustré
		9h30-11h : French policy on Circular Economy (Nathalie Boyer - Orée)								
Tuesday 04/02/20	8h-8h30: Yoga Meditation	8h30-10h30 : ESR Presentations	Break	11h-13h : ESR Presentations	Lunch	14h -16h: Workshop on territorial Approach (Bernard Pecqueur)	Break	16h30-18h : Supervisory board and ESR meeting on responsible travel (simultaneously)	18h30 : Dégustation Cellier Saint Pierre	Dinner au Tablier
Wednesday 05/02/20	8h-9h: Yoga/ Meditation	9h-10h30 : Circular Humansphere (Alexandre Lemille)	Break	11h-11h45 : Design for Sustainability: from products to socio-technical transitions - Part 1(Fabrizio Ceschin)	Lunch	13h30-15h : Designing Sustainable Product-Service System (S.PSS) applied to Distributed Economies (DE) (Carlo Vezzoli & Luca Macri)	Break	15h30-16h : WP2 and WP3 meetings	Lasergame	Free dinner
				11h 45-12h30 : Design for Sustainability: from products to socio-technical transitions - Part 2 (Idil Gaziulusoy)				16h-16h30 : WP4 and WP5 meetings		
				16h30-17h : WP1 meeting						
Thursday 06/02/20	8h-8h45 : Yoga/ Meditation	8h45-10h30 : Inclusive Platforms and Third places philosophy (Victor Petit and Tatiana Reyes)	Break	11h-12h30 : Open access publication (SCD)	Lunch	13h30-15h : Social network communication strategy (Stuart Robertson)	Break	15h30 - 16h : Presentation ESR (responsible travel) 16h-18h : Conclusion : ISDRS (Pauline) and Circularity in Africa (Olawe) - Global transition for strong sustainability (Nadège Troussier)	Free	Free dinner
Friday 07/02/20		Field visit - Industrial Symbiosis of Pomacle-Bazancourt + European Centre of biotechnology and bioeconomy (CEBB)						16h: Visite de la cave de champagne Mercier - Epernay		Departure from Troyes

Detailed program and day to day agenda

Day 1, Sunday, 2nd February 2020 – Social-cultural Day

Main program: Visit to the lake and forest “Lac de la forêt d’Orient” located at the south east of Troyes in the morning. The afternoon will be followed by Guided visit around the historical centre of Troyes.

Venue: Lac de la Forêt d’Orient – Ligne des Comtes Champagne 10220 Piney
 Troyes historical centre – Tourism office – 16 rue Aristid Briand 10000 Troyes

Lunch: Crêperie Rozelle – 29 rue champeaux 10000 troyes

Time	Activity	Location
8:00	Meeting at the hotel lobby	Hotel Lobby
8:15	Departure	
9:00- 12:00	Visit to the lake and forest	Maison du Parc - Piney
12:00	Departure to Troyes city center	
13:00 - 14:30	Lunch at city center	Crêperie Rozelle
14:30 - 16:00	Guided tour: Historical city centre	Tourism Office
16:00	Free evening	

Day 2, Monday, 3rd February 2020 – CRESTING Project Day

Main program: CRESTING Meetings – Discussions and field visit

Venue: Maison de l’Outil et de la Pensée Ouvrière (MOPO). 7 rue de la Trinité. 10000 Troyes.

Lunch: La Bodega. 2 Rue de la Trinité, 10000 Troyes

Dinner: Restaurant Illustre. 8 Rue Champeaux, 10000 Troyes

Field visit: Foyer Aubois. 7 Rue Archimède, 10600 La Chapelle-Saint-Luc.

Time	Activity	Location
8:45 – 9:00	Arrivals at welcome desk	Meeting Room: Salle Hubert Fandre
9:00 - 9:30	Workshop welcome <ul style="list-style-type: none"> - <i>Pauline Deutz, University of Hull, UK</i> - <i>Nadège Troussier and Sabrina Dermine-Brullot, University of technology of Troyes</i> 	Meeting Room: Salle Hubert Fandre
9:30 - 11:00	French policy on Circular Economy <ul style="list-style-type: none"> - <i>Nathalie Boyer, Orée (translated by Charlotte Di Napoli)</i> 	Meeting Room: Salle Hubert Fandre
11:00 - 11:30	Coffee break	Meeting Room: Salle Hubert Fandre
11:30 - 13:00	Circular economy in practice <ul style="list-style-type: none"> - <i>Adrian Deboutière (INEC)</i> 	Meeting Room: Salle Hubert Fandre
13:00 – 14:00	Lunch	Restaurant “La Bodega”
14:00 - 15:30	Development of CE in Grand-Est region - <ul style="list-style-type: none"> - <i>Round table : Florian Bratec, Altermaker; Adrian Deboutière, INEC; Gregory Lannou, Club d’Ecologie Industrielle de l’Aube; Anne Mette, Carbonex.</i> 	Meeting Room: Salle Hubert Fandre
15:30 - 16:00	Coffee break	Meeting Room: Salle Hubert Fandre
16:30 - 18:30	Field Visit <ul style="list-style-type: none"> - <i>Foyer Aubois, Laurent Bour</i> 	Foyer Aubois
20:00	Dinner restaurant Illustré	Restaurant Illustré

Day 3, Tuesday, 4th February 2020 – CRESTING Project Day

Main program: CRESTING Meetings - Discussions, and wine degustation.

Venue: Maison de l’Outil et de la Pensée Ouvrière (MOPO). 7 rue de la Trinité. 10000 Troyes.

Lunch: La Bodega. 2 Rue de la Trinité, 10000 Troyes

Degustation: Cellar Cellier Saint Pierre. 1 Place Saint-Pierre, 10000 Troyes

Dinner: Le Tablier. 2 Rue Champeaux, 10000 Troyes

Time	Activity	Location
8:00 - 8:30	Yoga / meditation	Meeting Room: Salle Hubert Fandre
8:30 - 10:30	ESR Presentations - <i>Work package 1, 2, 3</i>	Meeting Room: Salle Hubert Fandre
10:30 - 11:00	Coffee Break	Meeting Room: Salle Hubert Fandre
11:00 – 13:00	ESR Presentations - <i>Work package 4, 5</i>	Meeting Room: Salle Hubert Fandre
13:00 – 14:00	Lunch	Restaurant La Bodega
14:00 - 16:00	Workshop on territorial Approach - <i>Bernard Pecqueur, Université Grenoble Alpes</i>	Meeting Room: Salle Hubert Fandre
16:00 - 16:30	Coffee break	Meeting Room: Salle Hubert Fandre
16:30 - 18:00	Supervisory board ESR workshop on responsible travel (simultaneously)	Meeting room supervisory board: Salle Agricol Perdiguer Meeting room responsible travel: Salle Hubert Fandre
18:30 - 20:00	Degustation Cellier Saint Pierre	Cellar Cellier Saint Pierre
20:30	Dinner restaurant Le Tablier	Restaurant Le Tablier

Day 4, Wednesday, 5th February 2020 – CRESTING Project Day

Main program: CRESTING Meetings and Discussions

Venue: Maison de l’Outil et de la Pensée Ouvrière (MOPO). 7 rue de la Trinité. 10000 Troyes.

Lunch: La Bodega. 2 Rue de la Trinité, 10000 Troyes

Laser Game: Laser Quest Troyes. 18 Rue du Chapitre, 10000 Troyes

Time	Activity	Location
8:00 - 9:00	Yoga / meditation	Meeting Room: Salle Hubert Fandre
9:00 - 10:30	Circular Humansphere - <i>Alexandre Lemille, Anthesis Group</i>	Meeting Room: Salle Hubert Fandre
10:30 - 11:00	Coffee Break	Meeting Room: Salle Hubert Fandre
11:00 - 11:45	Design for Sustainability: from products to socio-technical transitions - Part 1 - <i>Fabrizio Ceschin, Brunel University London</i>	Meeting Room: Salle Hubert Fandre
11:45 - 12:30	Design for Sustainability: from products to socio-technical transitions - Part 2 (Virtual) - <i>İdil Gaziulusoy, Aalto University, Finland</i>	Meeting Room: Salle Hubert Fandre
12:30 - 13:30	Lunch	Restaurant La Bodega
13:30 - 14:15	Designing Sustainable Product-Service System (S.PSS) applied to Distributed Economies (DE) - <i>Carlo Vezzoli & Luca Macri, Politecnico de Milano, Italy</i>	Meeting Room: Salle Hubert Fandre
14:15 - 15:00	Discussion - Round table - <i>Fabrizio Ceschin, İdil Gaziulusoy & Luca Macri</i>	Meeting Room: Salle Hubert Fandre
15:00 - 15:30	Coffee break	Meeting Room: Salle Hubert Fandre
15:30 - 17:00	Work Package Meetings - 15:30 - 16:00 WP2 and WP3 - 16:00 - 16:30 WP4 and WP5 - 16:30 - 17:00 WP1	Meeting rooms: Salle Agricol Perdiguier and Salle Hubert Fandre
18:00 - 19:30	Laser Game	Laser Quest Troyes
19:30	Free Dinner	

Day 5, Thursday, 6th February 2020 – CRESTING Project Day

Main program: CRESTING Meetings and Discussions

Venue: Maison de l’Outil et de la Pensée Ouvrière (MOPO). 7 rue de la Trinité. 10000 Troyes.

Lunch: La Bodega. 2 Rue de la Trinité, 10000 Troyes

Time	Activity	Location
8:00 - 8:45	Yoga / meditation	Meeting Room: Salle Hubert Fandre
8:45 - 10:30	Inclusive platforms and third places philosophy - <i>Tatiana Reyes & Victor Petit, UTT</i>	Meeting Room: Salle Hubert Fandre
10:30 - 11:00	Coffee Break	Meeting Room: Salle Hubert Fandre
11:00 - 12:30	Open access publication (bring your laptop) - <i>Jean-Baptiste VU Van, UTT</i>	Meeting Room: Salle Hubert Fandre
12:30 - 13:30	Lunch	Restaurant La Bodega
13:30 - 15:00	Social network communication strategy - <i>Stuart Robertson, University of Salford</i>	Meeting Room: Salle Hubert Fandre
15:00 - 15:30	Coffee break	Meeting Room: Salle Hubert Fandre
15:30 - 16:00	Presentation Responsible travel (ESR)	Meeting Room: Salle Hubert Fandre
16:00 - 16:30	Announcement : - ISDRS (<i>Pauline Deutz</i>) - Circularity Africa Conference (<i>Wale Olayide, virtual</i>)	Meeting Room: Salle Hubert Fandre
16:30 - 18:00	Closing conference : Global transition for strong sustainability (<i>Nadège Troussier</i>)	Meeting Room: Salle Hubert Fandre
18:00	Free time and dinner	

Day 6, Friday, 7th February 2020 – CRESTING Project Day

Main program: Case Study field visits and visit to Epernay

Field visit: Industrial Symbiosis and European Centre for biotechnology and bioeconomy – Bazancourt Pomacle, 51110 Pomacle

Cultural visit: Cave de Champagne Mercier. 68 Avenue de Champagne, 51200 Épernay

Time	Activity	Location
8:00	Meeting at hotel lobby for departure	Hotel Lobby
8:15	Departure for field visits	
10:00 - 12:00	Industrial symbiosis of Bazancourt Pomacle	Pomacle
12:00 - 13:00	Lunch	Pomacle
13:00 - 15:00	European Centre for Biotechnology and Bioeconomy	Pomacle
15:00	Departure for Epernay	
16:00 - 17:30	Visit to the “Cave de Champagne Mercier - Epernay”	Cave de Champagne Mercier
18:00	Return to Troyes	

Field visits

Le Foyer Aubois

In Aube, the Foyer Aubois is a true institution of the voluntary sector. Contrary to what its name might suggest, the Foyer Aubois includes several services, focusing on accommodation, care and/or insertion. The Foyer Aubois aims to respond to the following logic: «to accompany people whose life, dignity, health and rights are undermined by a situation of exclusion». The Foyer Aubois therefore includes a reception and accommodation centre but also a social reintegration activity through employment thanks to the activity of a resourcing and a store.

Bazancourt Pomacle Industrial Symbiosis

The Bazancourt-Pomacle Industrial Symbiosis (the agro-industrial complex of the Sohettes), located near Reims in the Marne department, includes 15 plants that have implemented synergies of various kinds such as the pooling of services, research and development, water management, carbon dioxide emissions, or the reuse of wheat residue or steam from one plant by another, etc. These companies, some of which are long established on the site, all have in common the use of an agricultural raw material: sugar factory, ethanol distillery, glucose factory, laboratory specialized in the non-food recovery of agro-resources...

One of the most integrated biorefineries in Europe today is included in this complex. This facility has two particularities. The farmers are involved in their cooperatives, and the site combines an industrial plant with an open innovation centre.

European Centre for Biotechnology and Bioeconomy (CEBB)

Both a technological showcase and a multidisciplinary research centre dedicated to biotechnology, biomaterials and green chemistry, the European Centre for Biotechnology and Bioeconomy (CEBB) brings together the scientific and technical skills and expertise of four chairs from Agroparistech, Centralesupélec, NEOMA Business School and the University of Reims Champagne-Ardenne. Supported by the Grand-Reims, the Marne department and the Grand-Est Region, the CEBB aims to develop the exploitation of bioresources as well as the co-products of biorefineries and agro-food industries. The presence of the CEBB on the site of the Bazancourt-Pomacle biorefinery testifies to the importance given to academic research and its transfer to the economic fabric of the territory.

More information: <http://cebb-innovation.eu/>

Venue and local information

Venue Information

Maison de l’Outil et de la Pensée Ouvrière (MOPO)

7, rue de la Trinité. 10000 Troyes.

The MOPO is housed in one of Troyes’ most beautiful buildings, the “hôtel Mauroy”.

Destroyed by a fire in 1524, the building was taken over in 1556 by Jean Mauroy, Provost of the mint and Lord of Colaverdey. He undertook important transformation works and turned it into the “Hôpital et Collège de la Trinité pour les orphelins”, a hospital and college for orphans based on the model of the “enfants de la Trinité” in Paris, in order to teach them a trade.

That is why the street is still called “la rue de la Trinité” today. The city of Troyes bought the building back in 1966 and gave it to the Compagnons du Devoir du Tour de France in 1969.

The “hôtel Mauroy” is an architectural jewel in Troyes’ historical heritage, at the heart of a fully restored city center, with which it shares many architectural specificities.

A place of wonder for those who walk through its doors, the “hôtel Mauroy” hosts many exhibitions and cultural activities linked to the MOPO collections.

The venue is also a museum!!!

Created mostly by Paul Feller s.j., a forward-looking Jesuit priest, the MOPO is dedicated to the passing on of knowledge and the promotion of apprenticeship. It currently serves as a museum that boasts a collection of more than 12,000 tools showcased in 65 display cases in a remarkable scenography.

The contemporary power of the scenography adds to the story and power of each tool, painstakingly brought back to life. The resource center, free of access, holds more than 32,000 old and contemporary reference books and constitutes France’s second-largest technical library.

It is easy to get a sense of the purpose of the material works held by the MOPO, but sometimes more complicated to understand the reason behind their presence within their walls. There is no doubt that inestimable immaterial treasures are concealed, waiting to be interpreted by any visitor keen to understand its message.

More than a beautiful object, a tool carries a man’s life-story, a story of craftsmanship and culture. It is essential for the observer, the collector or the visitor at the MOPO to reflect on the person who was behind that tool, even before asking about the tool’s purpose.

At a time when parents still worry about their children's future, the message of Paul Feller has never rung clearer. The MOPO, by highlighting craftsmen and craftswomen, highlights their knowledge, expertise and life skills.

Hotel

Hotel « Les Comptes de Champagne »

54-56 rue de la Monnaie

10000 Troyes

(+33) 03 25 73 11 70

From the hotel you can go to:

MOPO (Cresting venue): 5 minutes walking

Cathedral : 13 minutes walk

Market: 5 minutes walk

“Foret d'Orient” Forest: 30 minutes drive

Access

Go to Troyes station. At the roundabout of General Patton, direction city center. Take the Colonel Driant street and Colbert Street. Then towards Place Jean Jaurès. Take Juvenal Orsini street, then turn left to the Rue de la Monnaie.

Map

Map of Troyes (downtown)



Hotel : « Comptes de Champagne »
 54-56 rue de la Monnaie
 10000 Troyes

Venue : « La Maison de l’Outil et de la Pensée Ouvrière »
 7, rue de la Trinité
 10000 Troyes

Closer look to hotel and venue



Hotel : « Comptes de Champagne »
 54-56 rue de la Monnaie
 10000 Troyes

Venue : « La Maison de l’Outil et de la Pensée Ouvrière »
 7, rue de la Trinité
 10000 Troyes

Tips from locals and important information

How to get here and how to move around

From Charles de Gaulle Airport

The RER B links Paris-Charles de Gaulle to Paris and its suburbs.

Getting to and leaving Paris-Charles de Gaulle:

The station « Aéroport Charles de Gaulle 1 » serves terminals 1 and 3.

The Aéroport-Charles de Gaulle 2 - TGV serves terminals 2 ACDEF and G.

Terminal 2G is linked to terminal 2F by the free N2 shuttle.

Journey time: allow 45 mins (RER) for a journey from to Paris-Charles de Gaulle airport to Paris-Gare du Nord

Once you get to Paris-Gare du Nord, you can transfer to Gare de l'Est in order to take the train to Troyes.

For more info [click here](#).

From Orly Airport

Paris-Orly is linked to the RER B station Antony by the ORLYVAL shuttle train.

Information: From Paris towards Antony take the trains heading for Saint Remy les Chevreuses, from Antony towards Paris and its suburbs take the trains heading for Mitry-Claye or for "Aéroport Charles de Gaulle.

ORLYVAL shuttle train stops at Paris-Orly:

Orly 4: entrance 48

Orly 1-2: entrance 14 Arrival level

Journey time*: 25 to 35 minutes (RER) + 8 min (ORLYVAL)

Take the RER B to Paris-Gare du Nord. There you can transfer to Gare de l'Est in order to take the train to Troyes.

For more info [click here](#).

From the Centre of Paris

From Gare de l'Est take the TER train to the train station of Troyes. You can check the schedule and costs [clicking here](#) or going to the website of the French trains company [SNCF](#). The train takes about 1h 25 mins from station to station. Once you get to the train station in Troyes, you can walk to your hotel (10 minutes walking).

Once in Troyes

By bus

There are multiple lines you can take to move around Troyes, [click here](#) to go to the official website of the public transport in Troyes (TCAT).

Things to do in Troyes

Saint-Pierre Saint-Paul Cathedral

This is the main cathedral of Troyes and it has truly stunning glasswork (about 1,500 m²). It makes part of the list of the most beautiful cathedrals in France.

Address: Place Saint-Pierre, 10000 Troyes

Sainte-Madeleine church

Probably the oldest church in Troyes (documents put its construction in the 1100s) with a very unique “jubé” (organ screen according Google Translate) made in stone in the 1500s. Its architecture is breathtaking.

Address: 3 Rue de la Madeleine, 10000 Troyes

Celier Saint Pierre

If you’re planning to buy champagne, wine, or any other local (and alcoholic) products, this is the place to go. Wonderful selection of local and regional products. We will go there for a Champagne tasting.

Address: 1 Place Saint-Pierre, 10000 Troyes

There are some not-so-obvious places to visit, here is our pick of restaurants, cafes, museums and other cool places to visit:

Aux crieurs du Vin

Excellent food and wonderful wine. They also do wine, champagne and whisky tastings. Good collection of wines and spirits to buy. Not recommended for vegans, not super good for vegetarians.

Address: 4 Place Jean Jaurès, 10000 Troyes

The Message

Café and bar – They have an outstanding vinyl collection, good coffee, local beers and a program of live music that runs pretty much during the whole week.

Address: 10 Rue Juvénal des Ursins, 10000 Troyes

Rosa Parks

This is a burger joint with a lovely selection of burgers, including vegetarian ones. One of the guys looks just like James Franco (according to Santi).

Address: 35 Rue Champeaux, 10000 Troyes.

Aux oiseaux de Passage

The perfect place to go for brunch on a Sunday. They serve locally produced and wonderfully cooked food all the time (but really brunches are their specialty). Vegan and vegetarian friendly.

Address: 22 bis Mail des Charmilles, 10000 Troyes

Musée Saint-Loup (Beaux-Arts et Archéologie)

Cool museum with a very weird section of taxidermy and excellent art. Historic building, great architecture and a very impressive collection paintings with angels with weird faces.

Address: 1 Rue Chrestien de Troyes, 10000 Troyes

Musée d'Art Moderne

Impressive private collection of art. There is an amazing Apothecary considered as one of the best in France. Definitely worth visiting not just for the paintings but for the building itself.

Address: 14 Place Saint-Pierre, 10000 Troyes

Barrio Latino

Club where you can explore all the Latino vibes in Troyes. Free salsa and bachata classes during the week. Spanish speaking bartenders and good party vibes.

27-29 Rue Général Saussier, 10000 Troyes

Emergency information

Hospital

The nearest public hospital to the venue is the Centre Hospitalier de Troyes. It's about 5 minutes by car from the center of Troyes.

Address: 101 avenue Anatole France - CS 20718 - 10003 TROYES CEDEX

Contact numbers: 03 25 49 49 49

Emergency contact number: 112

Venue emergency information

Weather preparations and clothing advices

During the workshop days it will be mostly in Troyes sunny with medium probability of showers. The average temperature is between 3 and 4 degrees celsius, the temperatures will mainly oscillate between the -3° to 11° degrees celsius. Please have a look at the weather forecast before preparing your suitcases as this predictions may vary <https://www.accuweather.com/>.

For all workshop meetings, normal dress code is applied. We suggest to bring a jacket and comfortable shoes to walk between the accommodation and the workshop venue. For the case study tours, closed shoes and long sleeves are mandatory for safety reasons. Also, you will need to bring an ID on Friday.

For the cultural tours, having a light wind and rainproof coat, as well as sunglasses, hat, water and sporty shoes are advised.

Risk assessment

Section 1 - about the workshop, people in charge and approval of the assessment	
<p>Workshop name and a brief description of the structure:</p> <ul style="list-style-type: none"> ● Name: 4th CRESTING Workshop ● Date: 2nd to 7th of January 2020 ● Location: Troyes, France <p>➤ • Venue: Maison de l’Outil</p> <p>➤ Address: 7 Rue de la Trinité, 10000 Troyes, France</p> <p>➤ Telephone: (+33) 03 25 73 28 26</p> <ul style="list-style-type: none"> ● Subject: Workshop ● Objective: The core part of the Doctoral training (second year) of 15 PhD researchers based throughout Europe. ● Accommodation: Brit Hotel Comtes de Champagne <ul style="list-style-type: none"> ➤ Address: 54-56 rue de la Monnaie, 10000 Troyes, France ➤ Telephone: 0325731170 	<p>Organizers name and contact details:</p> <p>Recherche Interdisciplinaire sur la Transition vers la Soutenabilité des Systèmes Sociotechniques (CREIDD), Université de Technologie de Troyes</p> <p>Address: 12 rue Marie curie, 1004 Troyes, France Tel: + 33 3 25 71 76 00</p> <p>Leader name and contact:</p> <p>Prof. Sabrina Dermine-Brulot Tel: +33 6 85 07 72 53</p> <p>The persons approving this Risk Assessment: Name: Prof. Sabrina Dermine-Brulot</p> <p>Name: Prof. Tatiana Reyes</p>
<p>b. Emergency call: 112</p> <p>All places have first aid cover</p>	

Section 2 – Risk assessment			
Hazard Identification	Causes and Consequences	Risk Level (H/M/L)	Control Measures
Manifestations and strikes in France.	Interruption on public transport.	H	<ul style="list-style-type: none"> ● Prior information will be provided on tracking the development of the strikes for train and other travel connections disruption. In case of disruption in the connection Paris - Troyes, there is the option of hiring a cab. ● For the field trips private transport will be provided.

Walking by foot or public transportation to reach the workshop venue and/ or accommodation	Slipping on the ground/ hand or legs injuries or fractures. Road traffic accident or getting lost	M	<ul style="list-style-type: none"> • Prior information has been provided in the weather preparation and venue and local information sections. • Easy shoes are advised during walking from the hotel to the venue, as well as for sightseeing and leisure time.
Unexpected power outage during the venue	Chaos in the venue salons/ Disconnecting the electric devices such as video projector	L	<ul style="list-style-type: none"> • All the sessions will be held during the day hours. The student assistant team is on duty during the venue to ensure the safety situation in the venue. • Emergency power is provided in the venue. • All portable electrical equipment/tools, leads and power boards tested in advanced.
Transport during the tour to the Fôret d'Orient, Epernay / Circular economy Tour	Road traffic accident	M	<ul style="list-style-type: none"> • Experienced drivers of coaches and standard bus trips are hired. The professional guides will support the tours.
Walking by foot during the Forêt d'Orient tour and Epernay	Exposure to windy, rainy or cold weather/ Slipping, getting lost	L	<ul style="list-style-type: none"> • Prior information has been provided in the weather preparation section. All the tours will be guided by professionals. • Having a light wind and rainproof coat, as well as sunglasses, hat, water and sporty shoes are advised during the tours.