



Symposium on March 30-31, 2023
Transdisciplinary research for a healthy planet
Campus Croix Rouge - Amphitheater 10, Building 9 - 57 rue Pierre Taittinger 51096 Reims Cedex

PROGRAMME

Day 1: March 30th, 2023

8:30 am-9:00 am: Opening of the registration desk

9:00 am-9:15 am: Official welcome and opening of the symposium

Pr. Christophe Clément, Vice-president, Université de Reims Champagne-Ardenne (URCA)

9:15 am-10:15 am: Plenary Conference

Dr. François Gemenne, Associate Professor and Director of the Hugo Observatory at the University of Liège, Intergovernmental Panel on Climate Change (IPCC) Lead author

10:15 am-10:45 am: Coffee break

10:45 am-12:15 pm: European policy session

- 10:45 am-11:30 am: « A Green Deal for a Healthy Planet: Research and Transition Policies for a sustainable future »
Mathieu Fromentin, Policy Officer, Ecological and Social Transitions Unit, Directorate-General for Research and Innovation, European Commission
- 11:30 am-12:15 pm: « The role of the doctorate within research in Europe »
Dr. Alexander Hasgall, Head of the EUA Council for Doctoral Education at European University Association

12:15 pm-1:30 pm: Lunch Break

1:30 pm-2:30 pm: Poster session 1

2:30 pm-5 pm: Session 1 - Develop a circular economy for climate - Chaired by *Dr. Bernard Kurek, Research Director, UMR INRAE-URCA FARE and Dr. Romain Debref, Associate Professor, REGARDS, URCA*

- 2:30 pm-3:00 pm: « The deployment of the circular bioeconomy on our territory: a meeting place for scientific interdisciplinarity between the human sciences and the natural sciences »
Dr. Bernard Kurek, Research Director, UMR INRAE-URCA FARE and Dr. Romain Debref, Associate Professor, REGARDS, URCA
- 3:00 pm-3:30 pm: « Sustainable transitions towards low fossil carbon economies: challenges and prospects »
Pr. Lorie Hamelin, Professor, Chair on Sustainable Transitions towards low fossil Carbon use, INRAE, Toulouse

3:30 pm-4:00 pm: Coffee break

- 4:00 pm-4:30 pm: « Title to be confirmed »
Pr. Pauline Marty, Professor, Chair on Transitions of Agricultural Territories, Université de Technologie de Troyes

- 4:30 pm-5:00 pm: « Pathways for circular agri-food ecosystems: excreta as a key to reconnect urban and rural areas »
Dr. Tanguy Fardet, Research Officer, OCAPI Program, Laboratoire Eau Environnement et Systèmes Urbains (LEESU), Ecole des Ponts ParisTech

6 pm: Social Event - Visit of the Cathedral of Reims followed by a cocktail reception at La Caserne Chanzy

Day 2: March 31st, 2023

9:00 am-9:30 am: Welcoming coffee

9:30 am-12:00 pm: Session 2 - Zero pollution in air, soil and water - *Chaired by Pr. Claudia Cosio, UMR INERIS-URCA SEBIO and Dr. Stéphanie Sayen, Associate Professor, UMR CNRS-URCA ICMR*

- 9:30 am-10:00 am: « A joint approach to air quality and carbon monitoring in support of cities' mitigation policies »
Pr. Thomas Lauvaux, Professor (Junior Chair), Atmospheric and Molecular Spectroscopy Group (GSMA), UMR CNRS - URCA
- 10:00 am-10:30 am: « Micropollutants in the environment: from interdisciplinary environmental research to OneHealth actions? »
Gwenaël Imfeld, CNRS Research Professor, Institut Terre et Environnement de Strasbourg, UMR7063, Université de Strasbourg - CNRS - ENGEEES

10:30 am-11:00 am: Coffee break

- 11:00 am-11:30 am: « From research to operations: development of in situ bioassays by caging gammarus for the diagnosis of chemical contamination and resistance of aquatic environments »
Dr. Guillaume Jubeaux, Co-founder and Director, Biomae
- 11:30 am-12:00 pm: « Building the Climate-(Food)-Water-(Energy)-Ecosystem Nexus for guiding sustainable development »
Pr. Anthony Lehmann, Professor, enviroSPACE lab, Institute for Environmental Sciences, University of Geneva

12:00 pm-1:00 pm: Lunch Break

1:00 pm-2:00 pm: Poster session 2

2:00 pm-4:30 pm: Session 3 - Artificial Intelligence for a sustainable bioeconomy - *Chaired by Pr. Luiz Angelo Steffanel, Professor, LICIS, URCA*

- 2:00 pm-2:30 pm: « Improving Efficiency and Labour Conditions with the Help of AI: the case of smart-viticulture »
Pr. Luiz Angelo Steffanel, Professor, LICIS, URCA
- 2:30 pm-3:00 pm: « Digital platforms and embedded AI to target the smallholder communities »
Pr. Congduc Pham, Professor, Computer Science Research Laboratory of the University of Pau & Adour Countries, Université de Pau et des Pays de l'Adour
- 3:00 pm-3:30 pm: « Artificial intelligence for smart agriculture »
Dr. Amine Chemchem, Data Science Researcher, ATOS

3:30 pm-4:00 pm: Coffee break (Jury's deliberation – Poster Awards)

- 4:00 pm-4:30 pm: *Speaker to be confirmed*

4:30 pm-5 pm: Posters Awards & Closing remarks

5 pm: Closing Cocktail

