



BIOCEB

Bioceb
European Master in Biological
and Chemical Engineering for
a Sustainable Bioeconomy

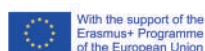
GRADUATION DAYS

GRADUATION CEREMONY

FRIDAY, 2ND SEPTEMBER 2022
HÔTEL DE VILLE DE REIMS / SALLE DES FÊTES

GREEN LINE PROJECTS SCIENCE POPULARIZATION

SATURDAY, 3RD SEPTEMBER 2022
FOIRE DE CHÂLONS-EN-CHAMPAGNE / ESPACE GRANDE CUVÉE



Congratulations !



GRADUATION CEREMONY PROGRAMME

Moderators:

Pr. Sophie Landaud,

Professor in Microbiology, INRAE AgroParisTech, Paris-Saclay University

Pr. Caroline Rémond,

Professor in Biotechnology, Bioceb local coordinator, University of Reims Champagne-Ardenne

- 4:30 p.m. : **WORKSHOP “JAZZ AND MANAGEMENT”**
(only for graduated students)
- 5:45 p.m. : **DOORS OPENING**
- 6:00 p.m. : **OFFICIALS SPEECHES**
 - Mr. Dimitri Oudin, Deputy Mayor of the city of Reims in charge of international Events
 - Pr. Fjodor Sergejev, Dean of the School of Engineering, Tallinn University of Technology (TalTech)
 - Ms. Marine Godaux, Deputy Director of European & International Relations - Head of European Affairs at AgroParisTech
 - Pr. Guillaume Gellé, President of the University of Reims Champagne-Ardenne
- 6:45 p.m. : **AWARDING OF DIPLOMAS
& STUDENTS’ SPEECHES** track by track
- 8:00 p.m. : **COCKTAIL & MUSICAL ENTERTAINMENT**
- 9:30 p.m. : **END OF THE CEREMONY**



GRADUATED STUDENTS

BIOCEB 1st Intake



AGATHI Maria



AL-SHWAFY Khaled Waheeb Abdullah



AMADOR-PRACHE Amanda Mariel Carmen Simone



AREGAWI Mearg Alem



CARVAJALINO OLAVE Juan Diego



CITAKOVIC Ivan



DASI Pranita Shankar Rao



GARCIA VALENCIA Diana Maria



GRASSI Tommaso



GUL Amna



HAVAEI Mohammadhossein



JAVAID Hadiqa



LÓPEZ RODRÍGUEZ Elena



LÓPEZ TAVERA Esteban



MEJIA Otalvaro Felipe



PORTES ABRAHAM SILVA Yasmini



SHE Jialin



TAGLIANI Tommaso



TARIQ Muhammad Siddiq



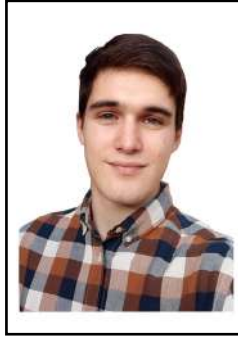
TEKLU Berihu Gebretsadkan



THOTTATHIL Adithya Raveendran



VENKAT Veshal



GREEN LINE PROJECTS

Saturday 3rd September 2022, 14:00 - 16:00
Foire de Chalôns-en-Champagne, Espace Grande Cuvée.

INTERNATIONAL JURY:

Caroline Rémond: Professor in Biotechnology, Bioceb local coordinator, University of Reims Champagne-Ardenne

Franck Mode: Bioeconomy and research project manager, Communauté urbaine du Grand Reims

Representative of Bioeconomy For Change

Sandra Domenek: Associate Professor, AgroParisTech

Yevgen Karpichev: Senior Researcher, TalTech University

Moderator: Claire Gorisse

DESCRIPTION:

The Green Line project (GLP) is a training module designed since the construction of the joint European Erasmus Mundus Bioceb and implemented as from the first intake in 2020.

The GLP is based on teamwork through research and innovation projects anchored in the socio-economic reality of a global ecological transition. Each project is developed during the first three semesters of the master and brings together 2 to 5 students following the same mobility path. This is a multi-site program that takes advantage of the complementary equipment and skills of the partner universities. The themes of the projects are defined for each class jointly by the partner professors, in relation to their own research topics and the expectations of industrial partners. The themes are related to bioeconomy and focus on the use of renewable biological resources for the production of molecules for chemistry, food, cosmetics, fuels or materials.

The module is divided into three phases, each corresponding to one semester:

- Phase 1 (3 ECTS): study of the literature and interaction with experts to specify the project's outlines and objectives and to propose a general outline of the experimental approach to be implemented;
- Phase 2 (6 ECTS): carrying out experiments in the host university's laboratories and initial economic and environmental evaluation of the planned biomass recovery method;
- Phase 3 (5 ECTS): carrying out additional experiments in parallel with a scientific deepening and a critical analysis of the results.

Through this module, students are trained in project engineering, intercultural intelligence, the implementation of a systemic approach and communication. Each semester, they have the opportunity to present the progress of their projects during GLP forums that bring together all the supervisors and students during scientific workshops. They are required to work independently and thus acquire maturity and expertise. The Green Line project is key to the programme cohesion.

During the GLP pitch session, each GLP group will have 3 to 5 minutes, depending on the size of the group, to present their project. The idea is to popularise their work to a wider audience. The format is left open, to let the creativity run free!

A prize will be awarded by a jury to the most convincing presentation (criteria: pedagogy & clarity, originality and creativity, team cooperation, impact of the project for society).

GLP 1. Interaction between biomass selection and pretreatment for the production of value-added substances or energy

Maria AGATHI
Ivan CITAKOVIC
Esteban LÓPEZ TAVERA
Felipe MEJIA OTALVARO

Co-supervised by AgroParisTech, URCA, TalTech, and ULiège

GLP 2. From lignin originating (poly-)phenols extracted by bio-based solvents towards eco-friendly solutions for plant health

Amanda AMADOR-PRACHE
Berihu GEBRETSADKAN TEKLU
Elena LÓPEZ RODRÍGUEZ
Tommaso TAGLIANI

Co-supervised by AgroParisTech and TalTech

GLP 3. Valuation of lignin through green processes towards active ingredients of kerosene

Khaled AL-SHWAFY
Mearg Alem AREGAWI
Veshal VENKAT
Muhammad Siddiq TARIQ
Adithya Raveendran THOTTATHIL

Co-supervised by ULiège, URCA and TalTech

GLP 4. Reactive extrusion for transesterification of cellulose in ionic liquids

Hadiqa JAVAID
Yasmini PORTES ABRAHAM SILVA

Co-supervised by AgroParisTech, TalTech and Aalto

GLP 5. Chemical valorisation of cellulose in the environment of ionic liquids

Mohammadossein HAVAEI
Jialin SHE

Co-supervised by TalTech and Aalto

GLP 6. Integrative microbial production and extraction of 2-phenylethanol

Pranita Rao DASI
Diana María GARCIA

Co-supervised by AgroParisTech and ULiège

GLP 7. Erythritol bioconversion into erythrulose using *Yarrowia lipolytica* engineered strains

Tommaso GRASSI
Paul LUGO

Co-supervised by AgroParisTech and ULiège

GLP 8. Fabrication of PLA films coated with surfactants and nanocelluloses for the packaging industry

Juan Diego CARVAJALINO OLAVE
Amna GUL

Co-supervised by AgroParisTech and Aalto

