

Workshop

SusBiC – 1st edition

Young Researcher Forum on Sustainable Biomass and Climate Change

Program

Location: Aula Magna U6, University of Milano-Bicocca, Milan, Italy
Date: 19/10/2021 to 22/10/2021
Duration: 4 days
Mode: in presence / blended (COVID-permitted) // online (emergency)

Planned program

19/10/2021 – Climate change as driving force for fostering sustainability

Morning:

8.00 – 9.00 Arrival & registration
9.00 – 9.30 Welcome notes (Organizers and Director DISAT)

Tutorial key note I:

9.30 – 10.30 **Claudia Pasquero** (University of Milano-Bicocca) – The changing climate

Tutorial key note II:

10.30 – 11.30 **Barbara Delmonte** (University of Milano-Bicocca) – Human impact on climate and how to measure it

Break & discussions

Tutorial key note III:

12.00 – 13.40 **Laurenz Thomsen** (Jacobs University Bremen) – Ocean carbon cycle and CO₂ mitigation

Afternoon:

14.30 – 17.00 Presentations Young Researchers

Break & discussions

17.30 – 19.00 Poster session

20/10/2021 – Use and exploitation of biopolymers and biodegradable polymers

Morning:

Tutorial key note IV:

9.00 – 10.40 **Nadia Lotti** (University of Bologna) – Biodegradable polymers

Break & discussions

Tutorial key note V:

11.00 – 12.40 **Daniel Mink** (CEO, InnoSyn B.V.) – Industrial use of enzymes

Afternoon:

Presentations Younger Researchers

13.30 - 13.55 **Anna Trubetskaya** (Aalto University) – Biopolymer characterisation
13.55 – 14.20 **Elisabetta Borsella** (ENEA) – Biopolymer depolymerisation
14.30 – 14.55 t.b.d. (Pirelli) – Lignin in modern tyre production

Break & discussions

Presentations Young Researchers

15.30 – 17.30 Presentations Young Researchers

Break & discussions

18.00 – 19.00 Poster session

21/10/2021 – BlueAPP and beyond – Opportunities based on marine biomass

Morning:

Tutorial key note VI:

9.00 – 10.40 **S.A. Boussiba/Stefan Leu** (Ben Gurion University of the Negev) – Algae research

Break & discussions

Tutorial key note VII:

11.00 – 12.40 **Daniela Basso** (University of Milano-Bicocca) – Changing marine habitats

Afternoon:

Tutorial key note VIII:

13.30 – 14.30 **Riccardo Ruffo** (University of Milano-Bicocca) – Electrochemistry & sustainability

13.40 – 15.50 **Antoni Forner Cuenca** (Eindhoven University of Technology) – Sustainable energy storage

Break & discussions

Presentations Younger Researchers

15.30 – 15.55 **Hans V  th** (Algoliner) – Industrial algae cultivation and use

Presentations Young Researchers

16.00 – 16.20 Young Researcher – Algae research

16.20 – 16.40 Young Researcher – Algae research

16.40 – 17.00 Young Researcher – Electrochemistry / analysis devices

17.00 – 17.20 Young Researcher – Electrochemistry / analysis devices

17.20 – 17.40 Young Researcher – Algae research

19.30 Social dinner with dinner keynote (**Hans V  th** (Algoliner) - start-up reality in sustainability context)

22/10/2021 – Lignocellulosic biomass as renewable bioresources

Morning:

Tutorial key note IX:

9.00 – 10.40 **Claudia Crestini** (Ca' Foscari University of Venice) – Valorisation of lignin

Break & discussions

Tutorial key note X:

11.00 – 12.40 **Ingo Burgert** (Eidgenoessische Technische Hochschule) – Innovative Valorisation of Wood

Afternoon:

Tutorial key note XI:

13.30 – 15.10 **Antonio Pizzi** (University of Lorraine) – Valorisation of tannins

Break & discussions

Presentations Younger Researchers

15.30 – 15.55 **Leonidas Matsakis** (Lulea Technical University) – Lignin isolation / biorefinery

15.55 – 16.20 **Mika Sipponen** (Stockholm University) – Lignin nanomaterials

16.20 – 16.45 **Rebecca Blell** (Borregaard) – Industrial lignin/cellulose valorisation

Break & discussions

Presentations Young Researchers

17.00 – 18.40 Presentations Young Researchers

18.45 – 19.00 Concluding farewell notes