

# **Collegio futuro**

**Class 2021/22**

**Co-Creation Workshop and Project  
Development Meeting**

**Milan,**

**23 – 25 May 2022**



# Co-Creation Workshop and Project Development Meeting

Milan, 23-25 May 2022

## Venue

Aula Pio XII, via Sant'Antonio 12, Milan

**Host institution:** University of Milan

**Contact:** Prof. Marco Parolini ([marco.parolini@unimi.it](mailto:marco.parolini@unimi.it))

## Program

The goal of this workshop is to move a step forward with the projects the students developed in the previous workshop and online meetings. The project progress reports will be presented and discussed. Furthermore, the workshop will place special thematic focus on environmental, economic and policy issues related to plastics, raising thereby awareness for one of the central European issues in development of future circular economy with worldwide perspective.

The workshop will be initiated (Day 1) by a discussion session on the progress of project development (for students) and a round table discussion on educational perspectives of Collegio Futuro (for teachers). On Day 2, a lecture series on different aspects of plastics will be given to students, coupled with a project-based learning experience.

Afterwards, students will have ample time for further project development, exchange and networking. The workshop will end with a round table to discuss the progress of the students' projects (Day 3).

## Focus Topic: Environmental, economic and policy issues related to plastics

Plastics are an important material in our economy and daily lives. Over the past 50 years the role and importance of plastics in our economy has consistently grown because they incalculably contribute to tackle most of the challenges that our society has to face. Plastics are often used in products with short to average lifespans, mainly in packaging, automotive, electrical and electronics fields. Despite the countless socio-economic benefits, the continuative production, use and disposal of plastics contribute to the so-called 'plastic waste problem' characterizing the social/environment pair. In particular, the inappropriate management of plastics has been demonstrated to potentially induce serious negative effects on the environment and human health. Thus, moving towards

a more sustainable economy of plastics could deliver invaluable benefits, which could be achieved only through the transition from a linear to a circular economy of plastics whereby materials are circulated as valuable, reused, recycled and recovered. Plastics represent one of the priority areas in the EU action plan for the circular economy, whose final goal is to develop new policies and directives aimed at improving the recyclability of plastics and at increasing the request for recycled plastics. This policy will bring a series of outstanding economic and environmental benefits. For instance, the recent EU rules on single-use plastic products aim to prevent and reduce the impact of certain plastic products on the environment and human health. They also aim to promote the transition to a circular economy and resource-efficient plastics economy with innovative and sustainable business models, products and materials, therefore also contributing to the efficient functioning of the internal market. Specific rules and targets apply to certain areas, including single-use plastics, plastic packaging, microplastics, and soon bio-based, biodegradable and compostable plastics.

The scope of this focus meeting is to return an overview on the environmental, economic and policy issues related to plastics, with the final ambition to provide PhD students with the knowledge and the tools to develop an interdisciplinary research project on this issue.

## Time schedule

### Day 1: Monday, May 23<sup>rd</sup> 2022 (16:00 – 18:00)

- 16:00 – 16:30 Registration, welcome and opening of the meeting
- 16:30 – 17:45 Discussion session on the progress of Project development (for students)
- 16:30 – 17:30 Parallel session on Educational perspectives of Collegio Futuro (for teachers)
- 17:45 – 18:00 Closing remarks and happy hour

### Day 2: Tuesday, May 24<sup>th</sup> 2022 (9:30 – 12:30 / 14:30 – 18:00)

- 9:30 – 10:00 Introduction to the daily activities
- 10:00 – 12:30 **Impulse lectures**
  - 10:00 – 10:15 **Lecture 1:** Polymers and biopolymers (Dr. Ortenzi - Dept. Chemistry, University of Milan)
  - 10:15 – 10:30 **Lecture 2:** Plastics in the environment: presence and risks (Prof. Binelli & Dr. Magni - Dept. Biosciences, University of Milan)
  - 10:30 – 10:45 **Lecture 3:** Economic issues on plastics (Prof. Orsi - Dept. Environmental Science and Policy, University of Milan)

- 10:45 – 11:00 **Lecture 4:** current policies on plastics (Prof. Cavaliere Dept. Environmental Science and Policy, University of Milan)
- 11:00 – 11:30 *Coffee break*
- 11:30 – 11:45 **Lecture 5.** Push for a second valuable use of plasmix: a project-based learning experience (Prof. Parolini - Dept. Environmental Science and Policy, University of Milan)
- 11:45 – 12:30 Discussion session on lectures
- 12:30 – 14:30 *Lunch time*
- 14:30 – 17:30 Students' Project development
- 17:30 – 18:00 Closing remarks and happy hour

### Day 3: Wednesday, May 25<sup>th</sup> 2022 (9:30 – 12:30)

- 9:30 – 11:00 Discussion session on the progress of students' project development
- 11:00 – 11:30 *Coffee break*
- 11:30 – 12:30 Greetings and farewell

### What should you bring to the workshop?

- An electronic device with internet access for group work (laptop, iPad, etc.), wireless Internet access in UNIMI is free of charge
- A USB drive
- The willingness to explain your scientific interest to non-experts and motivation for understanding the projects outside of your research discipline
- Readiness to engage in open discussions where there are no stupid questions

### Accommodation

Workshop participants may stay in one of the **hotels with an agreement in force with UNIMI** (if you reserve in one of the following hotels you will need to travel to the venue by metro).

**ACCOR HOTEL** (see details for reservation below)

- [Ibis Milano Centro](#) \*\*\*
- [Ibis Styles Milano Centro](#) \*\*\*
- [Mercure Milano Centro](#) \*\*\*\*

Details for reservation: in order to book ACCOR Hotels you need to reserve via <http://www.accorhotels.com/> and indicate the following codes so to have a 10% discount on the best available rate:

- ID code: SC655621378
- access code: UN271IT737
- contract number: 5000.

**BEST WESTERN** (see details for reservation below)

- [Best Western Hotel City](#) \*\*\*\*
- [Best Western Hotel St. George](#) \*\*\*\*
- [Best Western Plus Hotel Felice Casati](#) \*\*\*\*

Details for reservation: in order to book BEST WESTERN Hotels you need to reserve via [www.bestwestern.it](http://www.bestwestern.it) and indicate the following codes so to have a 20% discount on the best available rate:

- ID code: 01377570

**OTHER OPTIONS** within walking distance from the venue (no agreements in force with the University of Milan)

- [Hotel La Madonnina](#) \*\*\*
- [Hotel Ariston](#) \*\*\*
- [Hotel Perugino](#) \*\*\*
- [Hotel Ideale](#) \*\*\*

**Please note that booking of and paying for accommodation is in your responsibility.**

Snacks/coffee/tee in between will be provided during the workshop, as well as Lunch on Day 2.

**We are looking forward to meeting you in Milan!**

### **Corona rules:**

In-person meetings will be accessible only to students holding a **Covid-19 certificate (green pass)**. It should be remembered that the Covid-19 certificate is issued also to unvaccinated individuals with a negative molecular (or rapid antigen) test result in the last 48 hours, or those who have recovered from Covid19.

To date, **the use of face masks is mandatory** indoors to protect your and other people's health.



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