



UNIVERSITÀ DEGLI STUDI DI MILANO

DOTTORATO IN SCIENZE PER I SISTEMI ALIMENTARI
PHD PROGRAM IN FOOD SYSTEMS



Milan, April 4th, 2024

Food Systems Journal Club

*presentation and discussion of the research projects proposed by students
enrolled for the **XXXIX** cycle of the PhD Program*

Dear colleagues, dear students

the presentation and discussion of research projects proposed by students enrolled for the XXXVII cycle of the PhD Program is planned for **April 15th, 2024**, 2.30 p.m. room *to be defined*.

The speakers will be grouped in sections based on the topics of their research project proposal; **the students of the xxxVII/ xxxVIII cycle will have the honor to chair the thematic sections.**

The speakers are invited to present, **in 5 min time**, their project proposal taking care to highlight the following points:

- **Statement of the research problem** (*the literature review should reveal some questions or issues, which call for further investigation. Ideally, the problem to be tackled in the research should emerge naturally and inexorably from the literature review. A clear and succinct statement of the research problem should be made, together with a set of specific hypotheses, predictions, or questions that the research project will address*);
- **Research design & methodology** (*student should present the overall methodological approach and a tentative timeline for achieving aims and objectives; since determination of the most appropriate methodology is not always a straightforward matter, candidates should justify the methods chosen, with an appropriate rationale in each case*)
- **Contribution to knowledge** (*the PhD project should address a new and significant contribution to a specific research area, whether through the discovery of new knowledge, the connection of previously unrelated facts, the development of new theory, or the revision of older views*);
- **Possible application potentialities and scientific and/or technological and/or social and/or economic impact, of the research products**

All the above key features will be examined by the PhD teaching board to provide suggestions aimed to ameliorate the project proposal.

The speakers are also invited to prepare a 3 min video presentation (.mp4 format) that will be used to share their project presentation through the Department socials (Facebook, Instagram)

Language of the event is English.



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April 15 th , 2024 – Room C12 14:30 – 15:10		
Chairman/Chairwoman	Speaker	Project
Stefano Gerna Beatrice Pellegrini	Giorgio Innocenzo Ascrizzi	<i>Design of soft-solid foods for sustainable special diets: rheological, tribological and nutritional assessments</i>
	Marta Baviera	<i>Optimizing Red Straw Wine Production: A Multi-Faceted Approach</i>
	Lara Nain Chehade	<i>Nutritional and Environmental Evaluation of Canteen Menus in Institutional Catering Systems</i>
	Marianna Sala	<i>Food systems innovation and sustainability</i>
	Marta Sindaco	<i>Improving sustainability of the dairy sector by exploring-exploiting protein in dairy products and byproducts</i>



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April 15th, 2024 – Room C12

15:10 – 15:40

Chairman/Chairwoman	Speaker	Project
Andrea Casson Erica Holzer	Vittorio Bassi	<i>Validating Sustainable Polyolefin Multilayer Materials for Coffee Powder Packaging</i>
	Andrea Fachin	<i>Valorization of food waste for new packaging solutions</i>
	Irene Locatelli	<i>Advancing in Process Analytical Technology: e-sensing for food cold chain</i>
	Matteo Zugno	<i>Sustainable management of invasive arthropods of particular interest for fruit production</i>



<i>April 15th, 2024 – Room C12</i> <i>15:40 – 16:30</i>		
Chairman/Chairwoman	Speaker	Project
Laura Brunelli Agostina Colacicco	Sara Basiglio	<i>Exploring the influence of abiotic factors on the community structure and antimicrobial resistance spread in the insect gut microbiome</i>
	Luca Pisoni	<i>Microbial bioprocessing of agri-food wastes for plant protection</i>
	Camilla Valli	<i>Optimizing bioremediation of chloroethenes through stimulation of microbial processes in aquifers and assessment of functional biodiversity</i>
	Giulia Brioschi	<i>Sustainable chemical processes for the valorization of agri-food residues</i>
	Matteo Gennaro	<i>Marine-Derived Biopolymer Films and Coatings for Sustainable Seafood Preservation: a Circular Approach</i>
	Emanuela Lovatti	<i>Investigation of treatments for reducing the degradation processes of fresh tuna</i>

At the end of the JC chairman/chairwoman together with a senior scientist will evaluate for each speaker the presented project proposal. In specific they will evaluate i) *quality and clarity of presentation*, ii) *statement of the research problem*, iii) *research design & methodology*, iv) *contribution to knowledge*, v) *possible application potentialities and scientific and/or technological and/or social and/or economic impact, of the research products*.

The compiled evaluation forms will be than forwarded to each speaker as suggestions aimed to ameliorate the project proposal.

(Prof. Diego Mora, Dean
&
the Board of PhD program in Food Systems)