



Kick-off Meeting

Project “Keratin smARt mATerials from feather waste” Circular Economy - Promoting research for a sustainable future

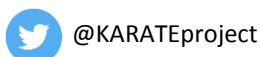
Friday, June 9, 2023

Aula Pedefferri – DCMIC, Piazza L. da Vinci 32, 20133 Milano, Italy

- 09:00 **Opening Addresses**
Alessandro Perego, Vice Rector for Sustainable Development and Societal Impact
Marinella Levi, Head of the DCMIC “Giulio Natta”, Politecnico di Milano
Pierangelo Metrangolo, PI of the KARATE Project, SBNLab – DCMIC, Politecnico di Milano
- Chair:* **Claudia Pigliacelli**, SBNLab – DCMIC “Giulio Natta”, Politecnico di Milano, Italy
- 09:15 – 10:00 **Raffaele Mezzenga**
Laboratory of Food and Soft Materials, ETH Zürich, Switzerland
Rethinking food protein waste
- 10:00 – 10:30 **Giacomo Carezzi**
Fondazione Istituto Insubrico Ricerche per la Vita (FIIRV), Gerenzano (VA), Italy
Screening of proprietary libraries and selection of efficient feather-degrading strains
- 10:30 – 11:00 **Melissa Balzarotti**
Italbiotec Consortium, Milano, Italy
Social acceptability and environmental performance of the KARATE project
- 11:00 – 11:30 **Coffee break**
- 11:30 – 12:00 **Elena Pazos Chantrero**
CICA – Universidade da Coruña, Spain
Peptide-based tools for biosensors and materials design
- 12:00 – 12:30 **Francisco Fernández Trillo**
CICA – Universidade da Coruña, Spain
Making (smart) polymers to interface with biology
- 12:30 – 13:00 **Pierangelo Metrangolo**
SBNLab – DCMIC, Politecnico di Milano, Italy
From amphiphilic hydrophobins to waste recovered keratins for engineering more sustainable materials
- 13:00 **Concluding remarks**



www.karateproject.eu



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