

## **Benedetta Brancato - CV**

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National Council of Research (ITALY)

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### **EDUCATION**

2024 PhD Student

2022 Master Degree in Chemistry

2020 Bachelor in Chemistry

### **WORK EXPERIENCE**

Brancato is a young researcher with experience in the field of analytical chemistry and quality control. She

completed a six-month internship at a food company dealing with quality control, implementation of the

HACCP plan and microbiological, chemical-physical and rheological analyses.

During the thesis period she gained skills in the field of chemical and chemical-physical analysis such as the

use of spectrophotometer and spectrofluorimeter, basic knowledge in the reading of H NMR spectra. In the

last period she has been involved in the production of electrocatalytic inks and their application on polymeric

membranes for the production of electrodes useful in the electrolysis reaction of water.

### **PROJECTS PARTECIPATION**

2024-today Progetto seasonal – energy storage

2024-today Bando A – RdS Orangees (Organic for Green Electrochemical Energy Storage) the aim of the project

is to develop innovative, eco-sustainable and low-cost materials, obtained from waste compounds (e.g.

Biomass), with electrochemical performance for application in batteries and supercapacitors.

2024-today Adp CNR-MiSE PT 22-24 The 2022-2024 Three-Year Plan aims to encourage an integrated

approach to electricity system research, capable of consolidating, with a view to decarbonisation, closer

collaboration between the research implementers and accelerating the introduction of new technologies,

products and services.