

PhD course name:
CATALISI
(DOTTORATO DI INTERESSE NAZIONALE)

Duration	3 years
Position with scholarship	1 dal titolo: "Synthesis, characterization and testing of Metal Organic Frameworks for CO2 separation and conversion in mixed matrix membranes". Il progetto è finanziato nell'ambito della call HORIZON-EIC-2022- PATHFINDERCHALLENGES-01 - Action: HORIZON-EIC dal titolo "Double-Active Membranes for a sustainable CO2 cycle - DAM4CO2" - numero di contratto 101115488
Curricula	<ol style="list-style-type: none"> 1. CATALISI OMOGENEA: MECCANISMI E APPLICAZIONI 2. CATALISI ETEROGENEA: SINTESI, CARATTERIZZAZIONE E APPLICAZIONI 3. BIOCATALISI 4. NUOVE TECNOLOGIE PER LA CATALISI
In agreement with	<p>Università degli studi di Bari "Aldo Moro"</p> <p>Università degli studi di Napoli "Federico II"</p> <p>Politecnico di Milano</p> <p>Politecnico di Torino</p> <p>Università degli studi di Roma "La Sapienza"</p> <p>Università degli studi Ca' Foscari Venezia</p> <p>Università degli Studi dell'Aquila</p> <p>Università degli studi di Bologna</p> <p>Università degli studi di Cagliari</p> <p>Università degli studi di Ferrara</p> <p>Università degli studi di Milano</p> <p>Università degli studi di Padova</p> <p>Università degli studi di Palermo</p> <p>Università degli studi di Pisa</p> <p>Università degli studi di Roma Tor Vergata</p> <p>Università degli Studi di Salerno</p> <p>Universita' degli Studi di Sassari</p> <p>Universita' Degli Studi Di Siena</p> <p>Universita' Degli Studi Di Torino</p> <p>Universita' Degli Studi Di Udine</p> <p>Università degli Studi Mediterranea di Reggio Calabria</p> <p>Università degli studi della Calabria</p> <p>Università degli studi di Camerino</p> <p>Università degli studi di Catania</p> <p>Università degli studi di Pavia</p>
Coordinator	VACCARO LUIGI

Degrees required for admission

Specialized degree pursuant to Ministerial Decree 509/1999, **Master's degree** pursuant to Ministerial Decree 270/2004, **Degree** pursuant to the regulations prior to the entry into force of Ministerial Decree 509/1999: **ALL**

The selection procedure

The selection procedure will be carried out as follows:

Assessment of qualifications and interview (in 60ths: 30 + 30).

The assessment of the qualifications will concern the university educational pathway, as well as any further education pathways and professional and research experience and any scientific publications (it is advisable to attach and/or declare all the qualifications obtained, complete with all the elements useful for the assessment, including, for the educational pathways, the individual marks obtained throughout the entire educational pathway). The assessment will also cover the preparation by the candidates of a research project of their choice, lasting three years, aimed exclusively at evaluating the candidate on one of the topics of the curricula into which the doctorate is divided.

Under penalty of non-appraisal, the qualifications must be submitted in accordance with Article 3 of the call for **applications** and Annex 2; **the research project must be submitted together with the application.**

The interview will focus on the topics of the curricula in which the doctorate is divided and on the presentation of the research project and will also be aimed at verifying the candidate's aptitude for research, availability to carry out experiences abroad and scientific interests. To this end, the candidate is required to prepare a research project proposal to be presented together with the application for participation in the competition, which the candidate will illustrate during the interview.

The interview can, at the candidate's choice, be held in English.

For interviews held in Italian, knowledge of the English language will be assessed.

The minimum score to pass the interview is 20/30.

The interview will be carried out via video conference.

Eligibility is achieved with an overall mark of 36/60 or higher

Interview calendar:

The interview will take place on December 13th at 10.30 am via video conference by connecting to the following link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZDg0Zjl1OWltMmYzMi00NjNiLWE2YzUtYzE2NmE3Y2U5Mzgw%40thread.v2/0?context=%7b%22Tid%22%3a%22067e7d20-e70f-42c6-ae10-8b07e8c4a003%22%2c%22Oid%22%3a%2212f920a8-db03-468c-b0cd-07d0be6c4f98%22%7d

Failure by the candidate to connect on the day and time of the interview will be equivalent to implicit renunciation of participation in the selection, whatever the cause.

Candidates must have a computer with video camera, microphone and speakers (the use of headphones equipped with a microphone is recommended) and have the Microsoft Teams program installed (downloadable from <https://www.microsoft.com/it-it/microsoft-365/microsoft-teams/download-app>)