



Università
Ca' Foscari
Venezia

Global@Venice

Post-doc Fellowship at Ca' Foscari University of Venice

“Expression of Interest” for Global at Venice - call 2021

1. Interested institution (legal person):

Ca' Foscari University of Venice

2. Department/Centre:

Department of Molecular Sciences and Nanosystems, CATMAT Research group.

The core of CATMAT research is focused on the development of nanostructured materials, their characterization and the investigation of their applications. The research activity is focused on design of innovative and 100% sustainable approaches for the preparation of new compounds, materials and bio-materials by using both traditional and innovative approaches. The research team's transversal knowledge and experience (from chemistry, industrial chemistry to materials science) allows them to face the project with a 360-degree view. This last aspect is strengthened by the numerous academic and industrial collaborations that the group has acquired over its decades of experience.

The team is interested in catalysis for industrial, environmental and energetic processes, materials for green building and cultural heritage, design of hi-tech protocols for cosmetic and pharmaceutical applications, cosmetic and pharmaceutical formulates.

3. Position, scientific requirements, topic, scientific panel:

Position:

Post-doc Position

Scientific requirements:

PhD in Science (Chemistry or Material Sciences)

The fellow should have experience in heterogeneous catalysis and development of materials for energetic and environmental applications.

The fellow should have leadership abilities and international experience in research and/or teaching.

Topic(s):

We are interested in proposals in one of the following Scientific Panels covering the following topics:

- 1) PE4_10 Heterogeneous catalysis
- 2) PE5_6 New materials: oxides, alloys, composite, organic-inorganic hybrid, nanoparticles
- 3) PE4_15 Photochemistry

Scientific Panel:

X PE - Physical Sciences and Engineering

LS - Life Sciences

SH - Social Sciences and Humanities

4. Contact person:

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