



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 (DSMN)

This department is composed mainly by experimentalists whose research is at the interface of chemistry and nanomaterials with a strong focus on the H2020 Pillars, including development of green chemical processes and of sustainable chemicals and materials.

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

Position:

Post-doc Position

Scientific requirements:

PhD in Chemistry, Materials chemistry, Photochemistry

The fellow should have strong experience in organic synthesis, spectroscopic characterization techniques, carbon-based nanomaterials, photochemistry, CO₂ reduction, waters splitting, electrochemistry, light harvesting compounds, thin films, biowaste valorization, etc.

The fellow should have strong leadership and teamworking abilities, research independence, and a strong international experience.

Topic(s):

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

- 1) Development of photoactive nanomaterials for water splitting and/or CO₂ reduction.
- 2) Photo- and electro-catalysis for greener organic processes and products.
- 3) Hybrid organic-inorganic nanomaterial synthesis and characterization.

Scientific Panel:

X PE - Physical Sciences and Engineering

LS - Life Sciences

SH - Social Sciences and Humanities

4. Contact person:

Prof. Alvise Perosa

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