



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.

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

**Position:**

Post-doc Position

**Scientific requirements:**

PhD in Chemistry/Materials Science/Physics.

The fellow should have strong experience in synthesis of nanomaterials (Quantum Dots, quantum wires...) and in the predictions of their properties. Besides, some background knowledge in the experimental techniques useful for the characterization of these systems (for example, linear and/or non-linear spectroscopies, SEM, TEM, XRD) is desirable.

The fellow should also 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) studies on self-assembly of nano objects (with special focus on the self-assembly of nano-objects having sizes less than 3 nm);
- 2) characterization of innovative (bio- and nano-) materials.
- 3) modelling methods for Transmission electron Microscopy.

**Scientific Panel:**

**X PE - Physical Sciences and Engineering**

- LS - Life Sciences
- SH - Social Sciences and Humanities

**4. Contact person:**

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