



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 by researchers at the interface of different scientific disciplines with a strong focus on the H2020 Pillars, including the development of quantitative approaches for the complex systems analysis for the application in environmental and socio-economic contexts.

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

##### Position:

Post-doc Position

##### Scientific requirements:

PhD in a scientific discipline. The fellow should have strong background with focus on one or more of the topics: statistical physics, network theory, machine learning

##### Topics:

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

- 1) Modelling of Complex Networks
- 2) Study of the topology of social systems as that of producers and consumers of fake news
- 3) Study of the interplay of different mobility networks and their impact in life of cities

##### Scientific Panel:

PE - Physical Sciences and Engineering

#### 4. Contact person:

Prof. Guido Caldarelli

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