WORKSHOP

of the Jean Monnet Chair "Small Area methods for Multidimensional Poverty and living conditions Indicators in EU SAMPIEU"

Jean Monnet Chair
UNIVERSITÀ DI PISA — European Commission

DEM DIPARTIMENTO DI ECONOMIA E MANAGEMENT

Centro Camilo Dagum
Tuscan Universities Research Centre
Advanced Statistics for the Equitable and Sustainable Development

Small area methods for local European studies: comparing trends and spatial patterns of poverty, cost of living and youth unemployment at local Level

✱ 1 GENERAL DESCRIPTION

The workshop will be organized in a form of "**competition to start up research**". This is an event where teams of data scientists creatively tackle data problems and provide a data analytics solution.
This event will be organized within the activities of the Jean Monnet Chair "Small Area methods for Multidimensional Poverty and living conditions Indicators in EU - SAMPIEU", which has been awarded by Prof. Monica Pratesi for the triennium 2018-2021.
The aim of this competition to start up research is to gathers teams composed of young scholars and researchers from all over Europe to compete for the best data product for comparing living conditions and youth unemployment among EU regions.

✱ 3 DATA PRODUCT

The work should be in the form of a policy paper. Policy papers usually address at a non-academic audience, such as an official, agency, or organization. They may begin by diagnosing a particular issue or situation, data and typically argue for a solution that will address that issue or situation. Evidence in support of a position is crucial. Each team should therefore include the initial problem/issue, the results of the analysis done, finally addressing the limitations and potentialities. It is recommended not to exceed 20-25 pages.

The policy paper will be sent via mail to sampieuchair@ec.unipi.it by 9 July 2021.

✱ 5 PRIZES

Based on the judgment of the committee, the three winning teams are entitled to receive three different prizes:

1. 1000 Euros
2. 700 Euros
3. 400 Euros

✱ 2 RULES AND REGISTRATION

This competition is aimed at undergraduate students and young researcher (under 35) and they can participate as teams. Teams can be formed from a minimum of 2 to a maximum of 4 people. To enrol for the challenge, send an email to **sampieuchair@ec.unipi.it**, declaring the name, affiliation and position of each team members, the name of the team and the team leader.
The main goal of the teams will be to develop the best solution for comparing living conditions and/or youth unemployment among EU regions by using the Public microdata for the European Union Statistics on Income and Living Conditions (EU-SILC) available at **https://ec.europa.eu/eurostat/web/microdata/statistics-on-income-and-living-conditions**. The teams will be free to develop innovative methods and models to analyse the datasets and/or to propose a new application to provide (local) indicators of poverty and vulnerabilities that can be useful for local stakeholders for monitoring Sustainable Development Goals in the EU.

✱ 4 EVALUATION

The panel of evaluators is formed by members of the teaching staff of the Chair and of the Department of Economics and Management of the University of Pisa and Centre ASESD Camilo Dagum , it is chaired by the Chair holder, and it is responsible for the evaluation of the data products proposed by the competing teams.
The evaluation will take place in two stages.
In the first phase, the works of all teams will be evaluated and the evaluators will choose the 3 best works. The panel of evaluators will evaluate the proposals of the teams based on:
- the extent to which the policy paper provides an effective answer to the policy question;
- the extent to which the data product introduces or uses new ideas or methods;
- the use of Small Area Estimation methods.

In the second phase of the evaluation, the 3 pre-selected teams will present their work in about 15/20 minutes in the **online workshop scheduled on 19 July 2021**.

Based on the evaluation carried out in the first phase and the presentation, the panel of 3 evaluators will decide the final ranking.
At this stage the evaluation will consider the ability of the teams to communicate the results in a clear.

The announcement of the winners and the award ceremony will take place online on 20 July 2021.