

Milan, prot. n. 7291

COMPETITION FOR THE CONFERRAL OF 1 COLLABORATION CONTRACT AT THE COVID CRISIS LAB OF UNIVERSITA' COMMERCIALE "LUIGI BOCCONI" OF MILAN, FINANCED BY FONDAZIONE INVERNIZZI

Article. 1

The Università Commerciale "Luigi Bocconi" of Milan is launching a competition based on qualifications and tests for the conferral, by means of an appropriate contract, of 1 collaboration contract with the following characteristics:

Duration: 12 months

Research Centre: Covid Crisis Lab (virtual research centre)

Financed by: Fondazione Invernizzi

Scientific Coordinator: Prof. Alessia Melegaro

Research Project: "Mapping emotions during the course of a health emergency at scale"
At the frontier of scientific research, social media records provide an unprecedented opportunity to study the dynamics of individuals' perceptions, emotions, and fears concerning social and demographic processes. During the course of the SARS-CoV2 pandemic, individuals have been put under considerable strain given the health risks associated with the spread of the infection, the economic uncertainty, as well as the restrictive measures put in place by national and regional health authorities. Bereft of direct contact, people have turned even more to social media platforms, which have seen a flurry of activity. This unprecedented situation has generated a considerable amount of user-generated social media data that are critical in understanding: i) the determinants and evolution of public trust on national and local governments, ii) individuals' compliance to public health measures; iii) the emotional drivers and the consequences of public narratives on individuals' decision-making processes. Since March 2020, an interdisciplinary team of researchers in the Covidcrisislab has collected millions of Italian Tweets containing any hashtag related to COVID-19 in Italy. This project's primary goal is to exploit the richness of this large corpus of individuals' digital records to investigate the formation and diffusion of public opinions regarding Covid19-related health-risks, the way beliefs vary by community or social group, and during the pandemic.

Job description:

We will employ innovative techniques from Artificial Intelligence and Natural Language Processing to study the evolution of sentiments on the microblogging platform Twitter. Using both supervised (sentiment analysis, user attribute prediction) and unsupervised methods (topic modeling), we can trace the development of keywords, topics, and emotional values, stratified by demographic groups such as age, gender, and location.

Article. 2
Admission Requirements

In order to participate to the competition, the candidate must have, as a preferred qualification, the possession of a PhD or equivalent or close to completion, carried out in Italy or abroad, on one of the following: statistics, biostatistics, data science, network science, epidemiology, public policy, demography and social science.

Relatives (up to the fourth degree of kinship) of professors in the University Council, the University Rector, or the Director General may not apply.

Candidates must be in possession of the above-mentioned requirements by the deadline for the presentation of applications as indicated in this advertisement.

Candidates may obtain conditional acceptance. At any time, the administration can arrange, within reason, exclusion from the selection procedure due to the lack of the necessary requirements.

Article. 3
Applications

The attached Application Form, addressed to the Rector of Bocconi University, must be sent to the “Faculty and Research Division” office at recruiting_ricerca@unibocconi.it. The deadline for submitting applications is **5 pm on 4/04/2021**.

Applications must clearly indicate:

- Name and surname
- date and place of birth
- fiscal code (codice fiscale, if applicable)
- citizenship
- residence
- contact address
- qualifications.

The application must include the following documents, which must be attached and sent via e-mail:

- degree certificate, in pdf format;
- professional CV, in pdf format;
- main publications.

Article. 4
Evaluation Committee

The Evaluation Committee is composed as follows:

- 1st member: Director of the Research Centre or a representative
- 2nd member: Scientific Coordinator
- 3rd member: a person jointly appointed by the Director of the Research Centre and the Scientific Coordinator

The selection will be carried out by means of an evaluation of qualifications and an interview.

The Committee can allocate a maximum of 100 points for each candidate:

- Maximum 40 points for the evaluation of the CV;
- Maximum 60 points for the evaluation of the interview.

Based on the selected range for the evaluation of the CV, the Evaluation Committee may indicate, in the evaluation minute, a minimum threshold for being admitted to the interview stage.

The total (phase 1 and phase 2) minimum score to be included in the ranking list is 60.

Candidates will be informed of the interview date via e-mail, with suitable advance notice. Interviews may be held via conference call, or face to face at the University premises.

The Committee will evaluate the candidates and will rank these based on the scores obtained. The list will be valid until the end of the project, should the Scientific Coordinator wish to use the same list to recruit additional researchers.

Winning candidates will be notified in writing of the award decision. Candidates must sign the contract at the latest 15 days after receipt.

The contract is individual and indivisible.

Article.5 ***Rights and Duties of the Contract Worker***

The contract will have a duration of 12 months and is likely to run from May 2021, compatibly with the restrictions imposed by the current international health emergency.

Conferral of the contract implies a commitment to undertake research and dissemination activities at the university or any other contractually agreed location.

The normal obligations of the Contract Worker include:

- Research activity in the context of the Research Project, under the supervision of Prof. Alessia Melegaro, Scientific Coordinator of the project who will assess the activity undertaken.

Activities undertaken outside of the scope of the contract, should not conflict with the contract with the University. The Director of the Centre will assess potential conflicts of this nature, following a consultation with the Scientific Coordinator.

Such circumstances will lead to the termination of the contract.

The conferral of the contract does not constitute an employment contract and does not confer any rights to teaching roles within the University.

Article.6
Financial Compensation

The amount of the contract is €24.400 gross.
The University will provide accident and liability insurance cover.
Payments will be normally made in monthly post-dated instalments, following the submission, by the deadline indicated by the Administration Department, of a payment note signed by the Scientific Coordinator who will verify the activity undertaken.

Article.7
Causes of deferral or suspension of the contract

If a candidate is on maternity leave, minimum payments will be made by INPS (national insurance) with a top-up payment made by Bocconi University up to the monthly amount of the contract.

Article. 8
Treatment of Personal Data

All personal data supplied to the Faculty and Research Division of Bocconi University will be used for the current evaluation procedure and for the conferral of a collaboration contract.

Article. 9
Advertising

The advertisement of the above-mentioned position is published on the Bocconi University website. Bocconi University may also publish this advertisement on the main international job opening websites for this sector. A copy of this advertisement is available from the Faculty and Research Division.

This advertisement is also published in Italian. In case of discrepancies between the Italian and English texts, the Italian version will be considered definitive.

Faculty and Staff Administration
(Marcello Valtolina)



ATTACHMENT A

Application Form

**Al Magnifico Rettore
dell'Università Commerciale "Luigi Bocconi"**
Via Sarfatti 25
20136 MILANO

I, the undersigned born in
.....on (DoB) resident in
address house number.....postcode..... e-
mail.....tel.....mobile.....
.....

ASKS

to be admitted to the selection, by means of qualifications and exam, relating to the competition number 7291 dated 16/03/2021 for the assignment of 1 collaboration contract for the duration of 12 months, to undertake research activity at the virtual Research Centre of Bocconi University Covid Crisis Lab, as part of the project "Mapping emotions during the course of a health emergency at scale".

To this end, I declare:

- a) to be a citizen of
- b) that my current address is postcode,
.....tel., (any changes to this address
will be promptly communicated)
- c) to have a PhD degree infrom the
University....., conferred on (date).....with
a grade of.....;
- or
- d) to be enrolled in the PhD course infrom the
University....., conferred on (date).....;
- e) to be in the possession of other qualifications (if applicable);
- f) Fiscal Code (if applicable).

I, the undersigned, attach to my application:

- 1) a scientific, professional curriculum vitae;
- 2) qualifications in my possession;
- 3) Main publications.

Date

Signature.....

N.B.: documents and qualifications must be presented in pdf format. By completing this form, the candidate declares that any documents produced are exact copies of the original. Any false declarations will be punished by Law.

Date

Signature