

RESEARCH PROGRAM NO. 2

The Commission meets for the **preparation of the criteria for the evaluation of qualifications and the interview on 04.09.2023 at 13:00**. The related report is promptly published on the Department's website or by posting it on the notice board of the structure hosting the exams and sent to the competent office at the e-mail address assegnisti@unige.it.

The Commission meets to proceed with the **assessment of qualifications and the identification of candidates admitted to the interview on 07.09.2023 at 13:00**. The related report is promptly published on the Department's website and sent to the competent office at the e-mail address assegnisti@unige.it. The Commission also convenes, by communication to the e-mail address indicated in the application form by each candidate, the candidates admitted to the interview

The interview: **on 08.09.2023 starting from 15:00**, electronically via videoconference by platform **Skype**

Candidates admitted to the interview will be contacted by the Commission in charge of conducting the interview by sending an email to the address indicated in the application for participation in the selection.

This communication has the value of notification in all respects, therefore candidates who have not been notified of the exclusion are required to connect to the platform indicated above at the scheduled time.

Scientific coordinator: Prof.ssa Anna Maria MASSONE

NO. 1 research fellowship - Duration years 1 – Annual pre-tax amount: € 31.015,00

Funding: Project EU - ARCAFF

Title: Deep Learning applications to flare forecasting within the European project ARCAFF.

Description: This project is focused on the application of Deep learning (DL) models to active region classification and flare forecasting within the European project ARCAFF. The activity will be focused on the research and optimization of the most appropriate DL network architectures for active region classification, active region localization from full-disk solar images, and probabilistic flare forecasting.

Scientific disciplinary sector: MAT/08 ANALISI NUMERICA

Place: Dipartimento di Matematica (DIMA)

Required degree: Dottorato di Ricerca in Matematica, Fisica o Informatica.

Subjects of the interview: The interview will mainly focus on the knowledge of machine learning and deep learning computational techniques.

The candidate will need to prove his/her knowledge of the English language.