



Research sector

Decree n. 180

Office for phd and postdoc

THE RECTOR

ON A PROPOSAL FROM the research Sector – Office for phd and postdoc;

GIVEN the Statute of the Università degli Studi di Cassino e del Lazio Meridionale issued by D.R. n. 661 of July 26, 2018;

GIVEN the Law n. 240 of December 30, 2010 on “Norme in materia di organizzazione delle Università, di personale accademico e reclutamento, nonché delega al Governo per incentivare la qualità e l'efficienza del sistema universitario” and in particular the Art. 22 on “Assegni di ricerca” (Research grants, in the following);

GIVEN the D.R. n.267 of June 7, 2011 issuing the current Regulations for the assignment of Research grants, modified with D.R. n.883 December 02, 2019;

GIVEN the D.R. n. 970 of December 20, 2023, issuing a public selective procedure for the assignment of one Research grant at the Dipartimento di Ingegneria Elettrica e dell'Informazione, of the duration of 12 months, titled “*Multi-Agent Systems distributed programming*” - SSD: ING-INF/04 (Automatica), under the scientific responsibility of Prof. Gianluca Antonelli;

NOTED that no applications to participate in the selection have been received;

GIVEN the note of February 23, 2024 from Prof. Gianluca Antonelli requesting to reopen the public selective procedure;

GIVEN article 14 paragraph 6-septies of D.L no. 36 of April 30, 2022 converted with amendments by Law no. 79 of June 29, 2022, which introduced the research contract to replace the research grants, provided for by article 22 of Law 240 of 2010;

GIVEN article 14 paragraph 6-quaterdecies of D.L no. 36 of April 30, 2022 converted with amendments by Law no. 79 of June 29 2022, as amended by article 6 paragraph 4 of the D.L. n. 215 of December 30, 2023, which provided for the possibility of issuing procedures for the awarding of research grants until July 31, 2024;

CONSIDERED it appropriate to accept the aforementioned request;

DECREES

Art. 1

The procedure has reopened, from **26 February 2024 to 25 March 2024**, for the submission of applications to participate in the public selection, issued with D.R. n. 970 of December 20, 2023, for the assignment of one research grant at the Dipartimento di Ingegneria Elettrica e dell'Informazione, of the duration of 12 months, titled “*Multi-Agent Systems distributed programming*” - SSD: ING-INF/04 (Automatica), under the scientific responsibility of Prof. Gianluca Antonelli.

Art. 2

The interviews will be held on **3 April 2024 at 10.00 am** from remote. Candidates not excluded from the procedure must connect, without further notice, to the following link: <https://meet.google.com/gox-rbnx-hhj> with a valid document.



Art. 3

For anything not provided for by this decree, remain confirmed the provisions of the D.R. n.970 of 20 December 2023.

This decree is collected within the internal official repository of the University.

Cassino,

THE RECTOR
(Prof. Marco DELL'ISOLA)



n. 1 research grant for a period of 12 months

Venue of the research activity: Dipartimento di Ingegneria Elettrica e dell'Informazione

Scientific sector: ING-INF04 (Automatica)

Research title: *"Multi-Agent Systems distributed programming"*

OBJECTIVES OF RESEARCH AND PROGRAM OF ACTIVITIES

Three different case studies will be analyzed for underwater bio-mimetic robots, namely the area coverage, the cooperative navigation and the distributed estimation. The successful candidates may propose an analytical versus a more computational approach based on their experience. An experimental implementation is foreseen within the funding project.

To carry out the research activity, the equipment and instruments supplied to the LAI laboratory of the DIEI will be used. The research activity may also be developed in the context of interactions with other Italian and foreign research groups, possibly including periods of activity at their offices.

PROGRAM OF THE INTERVIEW

The interview will be focused on the expertise of the applicant in the field of mobile, C/C++ programming and Matlab. Finally, IT skills in a Linux environment, proven experience of experimental activities and a good knowledge of the English language are required.

DISCIPLINES TO WHICH TO REFER FOR THE TITLES

The disciplines of the sector ING-INF/04 (Automatica)

Tutor:

Prof. Gianluca ANTONELLI