



***Convention for research activities in the field of innovative research fellowships
with industrial characterization***

between

The University of Bari Aldo Moro - Department of Ricerca e Innovazione Umanistica, based at Piazza Umberto I n. 1, 70131, Bari, Italy, tax code n. 80002170720, legally represented by the Rector Prof. **Stefano Bronzini**, born in Roma (RM) on 03.01.1959, domiciled for the office indicated at the institution, hereinafter University

and

the foreign Institution **Catalan Institute of Classical Archaeology** based at Plaça d'en Rovellat, SN, 43003-Tarragona, Spain VAT Number S-4300033-J legally represented by Prof./Dr **Josep Maria Palet** in the capacity as Director of the foreign Institution Catalan Institute of Classical Archaeology hereinafter with the Parties,

GIVEN

- the University Regulations on research fellowships, issued with D.R. n. 1154 of 19.04.2018;
- The Ministerial Decree of 10 August 2021 No.1061 about the awarding of PON "Research and Innovation" 2014-2020, Action IV.4: "Ph.D. and research contracts on



Innovation”, and Action IV.5: “Ph.D. on Green”, actions dedicated to research doctorates, aimed at the entire national territory and funded entirely by additional resources FSE REACT-EU for beneficiaries who have established and activated accredited research doctorate courses within the XXXVII cycle and national doctoral programs;

- the activation of doctoral programs and research projects about the thematic of Innovation and Green development in order to promote a collaborative interconnection between research and production;
- the ministerial note prot. n. 12025 of 08.09.2022 concerning Indications regarding Ministerial Decrees no. 1061 and n. 1062 of 10 August 2021;
- the D. R. n. 3354 of 12 October 2021, which issued the call for Ph.D. selection for the award of Ph.D. scholarships in addition to those funded by the University of Bari Aldo Moro for the academic year 2021/2022 - Cycle XXXVII and, in particular, Article 1 which provides for additional Ph.D. scholarships on Innovation topics (Action IV.4) and Green topics (Action IV.5);
- the decrees no. 360 of 21.04.2022 and n. 1042 of 22.06.2022 to update and modify the Ministerial Decree 1061/21;
- the D.D. n. 1422 of 16.09.2022 concerning the verification by ANVUR of the consistency and correspondence of the project proposals for additional Ph.D. scholarships in the subject areas of Innovation and Green;
- the Implementation Guidelines, updated and amended pursuant to the aforementioned decrees, which govern the management, implementation, obligations, reporting of activities and payment methods to Universities eligible for the funding of

additional Ph.D. scholarships related to XXXVII cycle;

– in particular, article 3, paragraph 6 of the aforementioned Implementation Guidelines which, in identifying the annual reporting intervals, among other things, states:

"Specifically, reporting will take place through the appropriate online platform <http://doctorates.miur.it> and using the forms therein, each student must produce a report indicating the time commitment (divided into months in the company, at headquarters, abroad, if applicable) and a summary of the main activities carried out. It will be the responsibility of the Coordinator of the PhD program, through the same platform, to verify and validate what is indicated by the PhD student. The report thus validated will form the basis for the calculation, by the MUR, of the eligible expenses (by applying the standard cost) for the reference period. "

– also, article 4, paragraph 1 of the aforementioned Implementation Guidelines which, among other things, governs the hypotheses of total revocation of the loan, with consequent return of any amounts already paid and includes among the aforementioned hypotheses the *"failure to complete the doctorate (three-year duration) of the minimum period of study and research in the company;"* and the *"failure to comply with national and/or EU laws, including the rules on information and communication of Regulation (EU) no. 1303/2013, annex XII, section 2.2 "Liability of the beneficiaries.";*

– also, Article 6 of the same Implementation Guidelines which states: *"1. The MUR may carry out at any time (including through persons appointed by it in the manner provided for by the Community regulations and implemented in the Management and*



Control System of the Program) checks aimed at ascertaining the correct execution of the project.

2. Each proposing party is required to guarantee the MUR that checks are carried out in all the places involved in the project, even if outside the University premises, making all the required documentation available; for this purpose, each University is required to ensure that this requirement is strictly respected also by the Italian or foreign companies and/or universities involved in the project.

3. If, finally, from the documentation produced and from the checks and controls carried out, the existence of illegitimate situations arises or serious non-fulfillment of the obligations referred to in these Regulation emerge, or the occurrence of causes of inadmissibility for the granting of the funding of scholarships additional, the MUR will proceed with the revocation of the contribution, providing for the recovery of the amounts already accredited.";

– the Operational Guide for beneficiaries of additional research fellowship scholarships of the National Operational Program (PON) for Research and Innovation 2014-2020;

– the Guidelines for information and publicity actions by the Managing Authority of the PON for Research and Innovation 2014-2020;

*– D.R. n. 4162 of 23.11.2021 assigns the research fellowship grant with industrial characterization, funded by PON R&I 2014-2020, to Dr. **Alessia Brucato** to attend the Ph.D. in "Patrimoni archeologici, storici, architettonici e paesaggistici mediterranei: sistemi*



integrati di conoscenza, progettazione, tutela e valorizzazione" (XXXVII Cycle) with administrative headquarters at the University of Bari Aldo Moro - Department of Ricerca e Innovazione Umanistica, CUP: H99J21010290001;

– the declaration of availability of Dr. **Alessia Brucato** as assignee of a Ph.D. scholarship funded with funds from the PON for Research and Innovation 2014-2020 on additional ESF REACT-EU resources

AGREE UPON THE FOLLOWING

Art.1

The premises are an integral part of this agreement.

The Parties agree to cooperate for the realization of the project called "The eye of the machine in the time of travel: applicazione di algoritmi di machine learning ai dataset satellitari per il rilevamento di potenziali nuovi siti archeologici legati alla mobilità di gruppi preistorici e protostorici. Casi di studio tra Italia Meridionale e Sahara."

with the procedures envisaged in the project proposal and in compliance with all the documents, referred to in the preamble, which govern the implementation of the project itself.

In particular, the foreign Institution **Catalan Institute of Classical Archaeology**, undertakes to host Dr. **Alessia Brucato**, holder of the scholarship referred to in the preamble, to carry out the research activity titled "The eye of the machine in the time of travel: applicazione di algoritmi di machine learning ai dataset satellitari per il rilevamento di potenziali nuovi siti archeologici legati alla mobilità di gruppi preistorici e protostorici. Casi di studio tra Italia Meridionale e Sahara" for six months, as per the approved



project, in its own **Laboratory of Computational Archaeology** at the **Catalan Institute of Classical Archaeology** located at Plaça d'en Rovellat SN, 43003-Tarragona, Spain.

Catalan Institute of Classical Archaeology also undertakes to support the research of the research fellow beneficiary of the additional grant by allowing access to the equipment as well as to the laboratories necessary for carrying out the research activities. Furthermore, the foreign Institution **Catalan Institute of Classical Archaeology**, undertakes to carry out training activities aimed at enriching the personal and professional knowledge of the research fellow.

The foreign Institution **Catalan Institute of Classical Archaeology**, undertakes to guarantee to MUR the carrying out of verifications in all the locations involved in the project, making available all the required documentation.

Art.2

The Coordinator of the research fellow's course is Prof. **Giuliano Volpe**, tel. 0039 320 4394590, e-mail: giuliano.volpe@uniba.it

The Tutor identified by the University is Prof. **Giulio Lucarini**, tel. 0039 349 6645306, e-mail: giulio.lucarini@cnr.it

The foreign Institution **Catalan Institute of Classical Archaeology** identifies its Tutor as Dr. **Arnau Garcia-Molsosa**, Tel. +34 977249133 e-mail: agarcia@icac.cat

Art.3

The period spent at the foreign Institution **Catalan Institute of Classical Archaeology**, by Dr.

Alessia Brucato does not constitute a working relationship, therefore, the research fellow cannot be assigned to tasks other than those agreed upon nor to productive functions beyond those strictly necessary for the pursuit of the objectives envisaged by the project; furthermore, it does not imply any present or future commitment of employment by the foreign Institution **Catalan Institute of Classical Archaeology**.

Art. 4

During his stay at the foreign Institution **Catalan Institute of Classical Archaeology**, the research fellow will pay no fee to the foreign Institution **Catalan Institute of Classical Archaeology**, nor will the foreign Institution **Catalan Institute of Classical Archaeology** make any kind of payment to the scholarship winner. Furthermore, no compensation will be requested from the University and/or the research fellow.

Art. 5

During the activities the foreign Institution **Catalan Institute of Classical Archaeology**, the University coordinator and tutor will be in constant contact with the persons in the foreign Institution **Catalan Institute of Classical Archaeology**, supervising the project activities and with the research fellow, also for the purpose of completing the daily register of the activities of the research fellow, beneficiary of the additional PON RI 2014-2020 grant.

Art. 6

The Ph.D. student is required to sign a commitment to confidentiality and recognition of intellectual property rights in relation to information, data and documents of a confidential nature, which he could become aware of when carrying out his activity at the foreign



Institution Catalan Institute of Classical Archaeology.

In any case, the Ph.D. student is guaranteed the possibility to carry out the ordinary publication activities called for in the training course, which must be programmed in a manner compatible with the protection of any results.

All the products and instruments created, as well as the data and results, will be the property of the authors.

The University reserves the right to use the above-mentioned products, instruments, data and results for the purposes of communication and dissemination of the activities carried out within the framework of the PON RI2014-2020.

The use of any inventions created within the scope of the activities covered by this agreement and of which the University is owner or co-owner will be governed by specific and separate agreements, in compliance with the applicable laws on intellectual property and rules concerning administrative procedure.

The holder of the scholarship and the staff of the Parties involved for the realization of the collaboration referred to in this agreement are required to maintain the necessary confidentiality as regards data, information or knowledge regarding production processes and products acquired during the course of the research/training activity in question, without prejudice to the communication and publicity obligations set forth in the Implementation Guidelines of the PON "Research and Innovation" 2014-2020 actions IV.4 "Doctorates and research contracts on innovation topics" and action IV.5 "Doctorates on green topics", which the parties declare to know and commit themselves to respect.



In any case, the confidentiality of the final dissertation of the scholarship holder is excluded, except for the eventual removal or possible withholding of parts of the dissertation itself that may contain information that, due to its nature or purpose, is destined to remain confidential, in compliance with the confidentiality commitments referred to in paragraph 1. All scientific publications deriving from the research fellow's scholarship must contain a reference to the institutions involved.

Art. 7

During the period at the foreign Institution **Catalan Institute of Classical Archaeology**, the Ph.D. student will have to: carry out the activities provided for in the project, observe the timetables, the internal regulations, and the rules on hygiene, safety and health in the workplace.

Furthermore, the Ph.D. student will have to comply fully with all the provisions contained in the documents referred to in the premises and in the other provisions and/or indications that will be provided by the Ministry regarding additional scholarships valid for the 37th cycle.

Art. 8

In particular, for the purposes of the obligations as per Legislative Decree 81/2008 and subsequent amendments, it is agreed that the Ph.D. student, while carrying out the activity at the offices of the foreign Institution **Catalan Institute of Classical Archaeology** is equivalent to a worker and is, therefore, required to comply with the obligations under art. 20 of the aforementioned decree and the regulations and internal provisions on safety and



prevention defined by the host structure.

The foreign Institution **Catalan Institute of Classical Archaeology** is required to apply to the research fellow the measures for the protection of health and safety of workers provided for by Legislative Decree no. 81/2008 and subsequent amendments.

Art. 9

The Ph.D. student, in addition to the legal insurance (T.U. INAIL), is covered by insurance policy for Civil Liability and by insurance for Accident risks, with validity in the whole world.

Art. 10

The parties mutually declare to be informed and expressly consenting, that the personal data provided even verbally for the pre-contractual activity or collected as a result of and during the execution of the present convention, are treated exclusively for the purpose of the agreement through consultation, interconnection processing, comparison with other data and/or any further manual and/or automated processing and, moreover, for statistical purposes, with exclusive processing of data in anonymous form, through communication to public subjects, when they request it for the pursuit of their institutional purposes, as well as to private subjects, when the purpose of the request is compatible with the institutional purposes of the parties as identified above and in compliance with the provisions of EU Regulation 2016/679 and current national legislation on the protection of individuals with regard to the processing of personal data. The owners of the personal data regarding this article, are respectively the University and the foreign Institution **Catalan Institute of Classical Archaeology**.



Finally, the parties declare they are aware of the rights sanctioned by art. 7 of Legislative Decree no. 196 of 30.06.2003 and its subsequent amendments and additions, as well as the EU Regulation 679/2016 (General Data Protection Regulation, or more briefly GDPR).

The parties, pursuant to art. 26 of EU Regulation 2016/679, jointly define, with a specific internal agreement, the obligations and activities carried out as joint controllers of the processing and undertake to prepare and keep updated all the obligations provided for the Protection of Personal Data by the current legislation.

Art. 11

For any disputes that are not amicably resolvable, the Court of Bari shall be considered competent.

Art. 12

The present convention ends on the expiry date of all the project activities carried out by the research fellow and following the presentation of the third final report by the Ph.D. Course Coordinator.

Art. 13

The Act will be registered only in the case of use and with a fixed tax pursuant to art. 5 and 39 of the D.P.R. 131/86. Any expenses related to this agreement will be charged to the party who requests it. The tax duty of this agreement is borne by the University – Department of Ricerca e Innovazione Umanistica, administrative seat of the doctorate course.



Bari,___

Università degli Studi di Bari Aldo Moro

Catalan Institute of Classical Archaeology

The Rector

The Director

Prof. Stefano Bronzini

Dr. Josep Maria Palet

IL COMPILATORE _____

IL RESPONSABILE DELL'UNITÀ O _____

IL RESPONSABILE DELLA S _____

IL DIRETTORE _____



INDIVIDUAL PROJECT:

Research Fellow:

Surname and name: Brucato Alessia

Year of course: 2/Second

Ph.D. in: Patrimoni archeologici, storici, architettonici e paesaggistici mediterranei: sistemi integrati di conoscenza, progettazione, tutela e valorizzazione (XXXVII Cycle)

Academic Tutor:

Prof. Giulio Lucarini

Foreign Institution:

Site of research activity: Laboratory of Computational Archaeology

Period: 01.01.2023 – 30.06.2023 (180 days)

Area or sector:

Landscape Archaeology

Research topic:

The eye of the machine in the time of travel: applicazione di algoritmi di machine learning ai dataset satellitari per il rilevamento di potenziali nuovi siti archeologici legati alla mobilità di gruppi preistorici e protostorici. Casi di studio tra Italia Meridionale e Sahara.

Tutor at the foreign Institution:

Arnau Garcia-Molsosa



Bari, li _____

Università degli Studi di Bari Aldo Moro

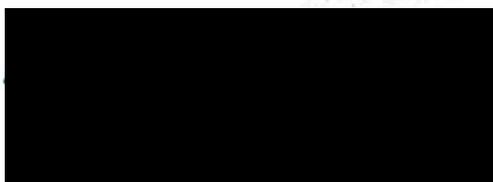
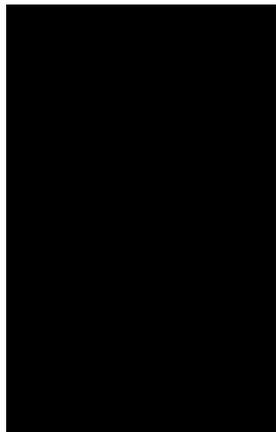
Catalan Institute of Classical Archaeology

The Rector

The Director

Prof. Stefano Bronzini

Dr. Josep Maria Palet



Signature for acknowledgement and acceptance by the research fellow:

Dr. Alessia Brucato

