# 

**MOLAB ACCESS APPLICATION FORM**

**1) Project Title**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**2) Project Acronym** (max 20 characters) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3) Group Leader** (All correspondence concerning this proposal will be sent to the User Group Leader)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| First name: | | | | Family name: | | |
| Nationality: | | | | Birth year: | | |
| Gender: | ❑ female | ❑ male | | | ❑ other | ❑ prefer not to say |
| Function/Job/Title: | | | | | | |
| Home Institution (HI): | | | | | | |
| HI Legal Status Code[[1]](#footnote-1): | | | | | | |
| Position code[[2]](#footnote-2): | | | | | | |
| Phone (office): | | | Phone (mobile): | | | |
| E-mail: | | | | | | |

**4)Other User Group participants involved in the Proposal** *(please, fill-in the table for each participant)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| First name: | | | | Family name: | | |
| Nationality: | | | | Birth year: | | |
| Gender: | ❑ female | ❑ male | | | ❑ other | ❑ prefer not to say |
| Function/Job/Title: | | | | | | |
| Home Institution (HI): | | | | | | |
| HI Legal Status Code[[3]](#footnote-3): | | | | | | |
| Position code[[4]](#footnote-4): | | | | | | |
| E-mail: | | |  | | | |

**5) Access is requested for the following experimental setup of interest** *(tick the chosen item)*:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MOBILE LABORATORIES[[5]](#footnote-5)** | | | | | | | | | | |
|  | | | | | | | | | | |
| **Spot analyses** | | | | | | | | | | |
|  | | | | | | | | | | |
|  | XRF |  | External reflection near-FTIR | | | | |  | | UV-Vis-NIR reflectance |
|  | Low Energy XRF |  | External reflection mid-FTIR | | | | |  | | UV-Vis-NIR fluorescence |
|  | XRD |  | Raman (exc785 & 1064 nm, SORS) | | | | |  | | NMR depth-profiling/relaxometry |
|  | Contact Sponge Method |  | Raman (exc532 nm) | | | | | |  | Bioluminescence |
|  | Drilling Resistance Measurement (DRMS) | | | |  | | Evanescent Field Dielectrometry (EFID) | | | |
|  | | | | | | | | | | |
| **Imaging/Mapping techniques** | | | | | | | | | | |
|  | | | | | | | | | | |
|  | Macro XRF mapping |  | X-ray tomography | | | | |  | | Vis induced luminescence |
|  | Micro XRF mapping |  | Microprofilometry | | | | |  | | UV/IR imaging |
| ❑ | Macro XRF rotational mapping |  | IR Thermography | | | | |  | | VIS hyperspectral imaging  (reflection & emission) |
| ❑ | XRF confocal mapping |  | Scanning multispectral VIS-NIR reflectography | | | | | | | |
|  | X-ray radiography | ❑ | Optical Coherence Tomography | | | | | | | |
|  | | | | | | | | | | |
| **2D/3D digitization techniques** | | | | | | | | | | |
|  | | | | | | | | | | |
|  | Medium or small-scale 3D digitization with active instrumentation | | |  | | 3D Laser Scanning technique | | | | |
|  | 2D digitization using RTI techniques | | |  | | Multi stereo view photogrammetry (terrestrial and aerial through UAV systems) | | | | |
|  | Spherical photogrammetry | | |  | |  | | | | |
| **Remote Sensing & Geophysics analyses** | | | | | | | | | | |
|  | | | | | | | | | | |
|  | Ground Penetrating Radar | | |  | | Fluxgate gradiometry | | | | |
|  | UAV-LiDAR | | |  | | UAV based - VIS multispectral (+RGB) & IRT imagery | | | | |
|  | Global Navigation Satellite System (GNSS) | | |  | | Total Station (TS) | | | | |
|  | | | | | | | | | | |

**NB: Technical sheets of the services offered by E-RISH can be consulted on** [**http://www.e-rihs.it/laboratori-mobili/**](http://www.e-rihs.it/laboratori-mobili/)**. The MOLAB helpdesk (responsible David Buti;** [**e-rihs@ispc.cnr.it**](mailto:e-rihs@ispc.cnr.it)**) is at your disposal for any further explanation and for a preliminary indication as to the feasibility of the project.**

**6)** **Expected duration of the project (5 days max)[[6]](#footnote-6):**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1st choice \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2nd choice \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**7) Project description** (*max 5000 words[[7]](#footnote-7), including figures and tables*)

* ***Scientific background***
* ***Project Aims & Objectives***
* ***Description of the planned work[[8]](#footnote-8)***
* ***Expected achievements, impact and dissemination plan[[9]](#footnote-9)***
* ***References***

**8) Artwork(s)/Monument:**

|  |  |  |  |
| --- | --- | --- | --- |
| Inventory number: | | | |
| Type/size: | | | |
| Location: | | | |
| Ownership: | | | |
| Ownership consent[[10]](#footnote-10): | ❑requested | ❑received | ❑other (*please explain*) |
| Insert one or more images of the artwork(s)/monument: | | | |
| Web page address where a description of the artifacts can be found (if applicable): | | | |

**9) Curriculum Vitae** of the User Group Leader *(max 900 parole[[11]](#footnote-11)*)

**11) Any other grants and/or ongoing research on the same topic**

❑Yes (please specify) ❑ No

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**12) How did you hear about E-RIHS.it?**

❑ personal contact ❑ web page ❑ conference ❑publications❑other (please explain)

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**13) Availability of data and materials. Please indicate the consent to provide some of the data produced during the access project (e.g. 3D models, technical images, tables) in open access form[[12]](#footnote-12)**

❑ yes (please specify repository details, if applicable) ❑ no

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**Date** …………………………. **User Group Leader Signature[[13]](#footnote-13)**

…………..…………………………………………………

**To be sent as PDF to** [**e-rihs@ispc.cnr.it**](mailto:e-rihs@ispc.cnr.it)

1. **UNI**=University, **RES**=Public Research Organisation, **SME**=Small or Medium Enterprise, **PRV**=Other and/or

   profit or not profit Private Organisation, **OTH**= Other Organisation [↑](#footnote-ref-1)
2. **UND**=Undergraduate, **PGR**=Post-graduate (student with a first University degree or equivalent),

   **PDOC**=Post-doc researcher, **TEC**=Technician, **EXP**=Experienced researcher (professional researcher). [↑](#footnote-ref-2)
3. **UNI**=University, **RES**=Public Research Organisation, **SME**=Small or Medium Enterprise, **PRV**=Other and/or

   profit or not profit Private Organisation, **OTH**= Other Organisation [↑](#footnote-ref-3)
4. **UND**=Undergraduate, **PGR**=Post-graduate (student with a first University degree or equivalent),

   **PDOC**=Post-doc researcher, **TEC**=Technician, **EXP**=Experienced researcher (professional researcher). [↑](#footnote-ref-4)
5. Analyses will be carried out *in situ*, i.e. where the artworks(s)/monument are located, by expert MOLAB operators. [↑](#footnote-ref-5)
6. Five days is the normal duration of a MOLAB access project. However, the duration of the access period will be agreed on a case-by-case basis between the User Group Leader and the MOLAB facilities. [↑](#footnote-ref-6)
7. Project description exceeding the max number of words will not be taken into consideration. [↑](#footnote-ref-7)
8. Experimental technique(s) requested with justification, required set-up(s), measurement strategy, sampling area/point details (number, location, etc.) [↑](#footnote-ref-8)
9. The intellectual property of the results obtained thanks to the infrastructure laboratories, belongs to the users; **they are requested to publish the results (preferably open access) in a reasonable amount of time; in any type of publications the support by MIUR must be acknowledged**. Users and facility providers can come to specific agreements for using the results produced by the access project in scientific publications, without any profit. [↑](#footnote-ref-9)
10. Without the ownership consent, the proposal will not be taken into consideration. [↑](#footnote-ref-10)
11. Curriculum Vitae exceeding the max number of words will not be taken into consideration. [↑](#footnote-ref-11)
12. Open access data availability will be one of the criteria for selection. Further criteria include scientific excellence, dissemination program and CV of the User group Leader. [↑](#footnote-ref-12)
13. By signing the proposal, users agree - in case MOLAB Access is granted - that a User Report will be sent to the helpdesk (e-rihs@ispc.cnr.it) no later than 2 months following the Access (the template and relative instructions will be provided). [↑](#footnote-ref-13)