#

**MOLAB ACCESS APPLICATION FORM**

**1) Project Title** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

**3) Type of proposal**

|  |  |  |
| --- | --- | --- |
| ❑ new | ❑ continuation | ❑ resubmission |

**4) Scientific discipline of the project proposal** (Tick one or more options)

|  |
| --- |
| ❑ Chemistry |
| ❑ Earth Sciences and Environment |
| ❑ Energy |
| ❑ Engineering and Technology |
| ❑ Humanities |
| ❑ Information and Communication Technologies |
| ❑ Life Sciences and Biotech |
| ❑ Material Science |
| ❑ Mathematics |
| ❑ Physics |
| ❑ Social sciences |

**5) Keywords** (min 3, max 6) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6) 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[[1]](#footnote-1): |
| Academic background[[2]](#footnote-2): |
| Home Institution (HI): |
| HI Legal Status Code[[3]](#footnote-3): |
| Position code[[4]](#footnote-4): |
| Phone (office): | Phone (mobile): |
| E-mail: |

**7) 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[[5]](#footnote-5): |
| Academic background[[6]](#footnote-6): |
| Home Institution (HI): |
| HI Legal Status Code[[7]](#footnote-7): |
| Position code[[8]](#footnote-8): |
| Phone (office): | Phone (mobile): |
| E-mail: |

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

|  |
| --- |
| **MOBILE LABORATORIES** |
| **Spot Analyses** | **Imaging/Mapping techniques** | **2D/3D digitization techniques** | **Remote Sensing &** **Geophysics analyses** |
| ❑ Bioluminescence | ❑ DHSPI | ❑ 2D digitization using RTI techniques | ❑ Fluxgate gradiometry |
| ❑ Contact Sponge Method | ❑ High resolution digital microscopy | ❑ 2D digitization using planetary scanner and large format scanner | ❑ Georesistivity meters |
| ❑ Drilling Resistance Measurement (DRMS) | ❑ IR Thermography | ❑ 360° photo shooting and video recording | ❑ GPR structure scan |
| ❑ Eddy Current conductivity measurement | ❑ Macro XRF/VIS NIR Hyperspectral mapping | ❑ Global Navigation Satellite System (GNSS) | ❑ Global Navigation Satellite System (GNSS) |
| ❑ Evanescent Field Dielectrometry (EFID) | ❑ Macro XRF rotational mapping | ❑ Terrestrial Laser Scanner (TLS) | ❑ Ground Penetrating Radar |
| ❑ External reflection near-FTIR | ❑ Microprofilometry | ❑ Medium or small-scale 3D digitization with active instrumentation | ❑ Magnetic gradiometer |
| ❑ External reflection mid-FTIR | ❑ Micro XRF mapping | ❑ Photogrammetry | ❑ GPR multi-antenna |
| ❑ Low Energy XRF | ❑ Mid-FTIR hyperspectral imaging | ❑ Simultaneous Localisation And Mapping (SLAM) survey | ❑ Multi-depth electromagnetic conductivity meters |
| ❑ Micro Raman (532 & 785 nm) | ❑ Optical Coherence Tomography | ❑ Total Station (TS) | ❑ Searching, processing and archaeological interpretation of archived aerial photos, space photos and optical satellite imagery |
| ❑ NMR depth-profiling/relaxometry | ❑ Scanning multispectral VIS-NIR reflectography |  | ❑ UAV-LiDAR |
| ❑ Peeling test | ❑ Terahertz time-domain imaging spectroscopy |  | ❑ UAV based – VIS multispectral (+RGB) & IRT imagery |
| ❑ Raman (785 & 1064 nm SORS) | ❑ UV/IR imaging |  |  |
| ❑ Schmidt Hammer test | ❑ VIS hyperspectral imaging (reflection & emission) |  |  |
| ❑ SSETM portable Raman | ❑ SWIR hyperspectral imaging |  |  |
| ❑ Ultrasonic pulse velocity (UPV) | ❑ T GI XRF mapping |  |  |
| ❑ UV-Vis-NIR fluorescence | ❑ Vis induced luminescence |  |  |
| ❑ UV-Vis-NIR reflectance | ❑ XRF confocal mapping |  |  |
| ❑ XRD | ❑ XRD mapping |  |  |
| ❑ XRF | ❑ X-ray radiography |  |  |
|  | ❑ X-ray tomography |  |  |

NB: Technical sheets of the services offered by E-RIHS can be consulted on <http://www.e-rihs.it/laboratori-mobili/>. The MOLAB helpdesk (responsible David Buti; e-rihs@ispc.cnr.it) and the laboratory contact persons, are at your disposal for any further explanation, support on the technical setup, and for a preliminary indication as to the feasibility of the project. You will find the email of the laboratory contact persons in the catalogue of services. **Users requesting access to “Geophysics and Remote sensing analyses” shall contact the facility providers prior submission to ascertain the feasibility of their project thus avoiding rejection of their proposal during the evaluation process.**

**9)** **Expected duration of the project (5 days max)[[9]](#footnote-9):**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

**10) Project description** (*max 5000 words[[10]](#footnote-10), including figures and tables*)

* ***Scientific background***
* ***Project Aims & Objectives***
* ***Description of the planned work[[11]](#footnote-11)***
* ***Expected achievements, impact and dissemination plan[[12]](#footnote-12)***
* ***References (max 10)***

**11) Artwork(s)/Monument(s)/Site(s)[[13]](#footnote-13):**

|  |
| --- |
| Inventory number: |
| Type/size: |
| Location: |
| Ownership: |
| Ownership consent[[14]](#footnote-14): | ❑ 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): |

**12) Curriculum Vitae** of the User Group Leader *(max 500 parole[[15]](#footnote-15)*)

**15) 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[[16]](#footnote-16)**

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

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**Date** …………………………. **User Group Leader Signature[[17]](#footnote-17)**

 …………..…………………………………………………

**To be sent as PDF to** **e-rihs@ispc.cnr.it**

1. Describe your current job position. [↑](#footnote-ref-1)
2. i.e. Chemistry; Physics; Archaeology; Conservation etc. [↑](#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. Describe your current job position. [↑](#footnote-ref-5)
6. i.e. Chemistry; Physics; Archaeology; Conservation etc. [↑](#footnote-ref-6)
7. **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-7)
8. **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-8)
9. Please note that five working days is the maximum duration of a MOLAB access project and will be finalized by the providing MOLAB facilities together with the User Group Leader. Users are requested to indicate two potential timeframes for access to be carried out by inserting either specific dates or generic months, although on allocation of MOLAB access such dates will be scheduled on availability of the MOLAB facilities. As the evaluation process is expected to be completed within 4 months from the submission deadline, dates indicated commencing February 2025 will be considered. [↑](#footnote-ref-9)
10. Project description exceeding the max number of words will not be taken into consideration. [↑](#footnote-ref-10)
11. Experimental technique(s) requested with justification, required set-up(s), measurement strategy, sampling area/point details (number, location, etc.) [↑](#footnote-ref-11)
12. Those who have jointly generated results (users and providers) shall have joint ownership and they shall agree separately upon the conditions of the joint ownership. “Results” means any (tangible or intangible) output of the access such as data, knowledge or information whatever its form or nature, whether it can be protected or not. **Users are requested to publish the results (preferably open access) in a reasonable amount of time; in any type of publication the support by E-RIHS (MUR FOE ERIHS IT and PON Ricerca e Innovazione 2014-2020, CCI: 2014IT16M2OP005) must be acknowledged**. In accordance with good scientific practice, users should follow the principle of co-creation of knowledge giving co-authorship to those working at the E-RIHS facilities having made genuine scientific or technical contributions to their work. [↑](#footnote-ref-12)
13. Multiple objects included in the project proposal must be in the same location to allow the execution of the diagnostic campaign. Objects located in different places result in the rejection of the proposal. [↑](#footnote-ref-13)
14. Ownership consent is a requisite for application submission (submit proof where applicable), otherwise the proposal is considered invalid. Furthermore, the User group leader is responsible for any ulterior permissions and is liable for any logistics and necessary insurances to investigate the object/s included in the proposal. [↑](#footnote-ref-14)
15. Curriculum Vitae exceeding the max number of words will not be taken into consideration. [↑](#footnote-ref-15)
16. 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-16)
17. **On signing and submitting the proposal application, the User group leader declares compliance with the ERIHS.it Access Policy** (<http://www.e-rihs.it/politica-di-accesso/>) and, specifically, footnote n. 12 on data ownership of the application**.** Furthermore, 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 delivery of the Access Results/Reports (the template and relative instructions will be provided). [↑](#footnote-ref-17)