

MOLAB ACCESS APPLICATION FORM

1) Project Title

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 ¹ : | <input type="checkbox"/> female | <input type="checkbox"/> male | <input type="checkbox"/> other <input type="checkbox"/> prefer not to say |
| Function/Job/Title: | | | |
| Home Institution (HI): | | | |
| HI Legal Status Code ² : | | | |
| Position code ³ : | | | |
| Phone (office): | | Phone (mobile): | |
| E-mail: | | | |

¹ To select a choice, right-click on the box →Properties →Checked →OK.

² **UNI**=University, **RES**=Public Research Organisation, **SME**=Small or Medium Enterprise, **PRV**=Other and/or profit or not profit Private Organisation, **OTH**= Other Organisation

³ **UND**=Undergraduate, **PGR**=Post-graduate (student with a first University degree or equivalent), **PDOC**=Post-doc researcher, **TEC**=Technician, **EXP**=Experienced researcher (professional researcher).

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 ⁴ : | <input type="checkbox"/> female | <input type="checkbox"/> male | <input type="checkbox"/> other <input type="checkbox"/> prefer not to say |
| Function/Job/Title: | | | |
| Home Institution (HI): | | | |
| HI Legal Status Code ⁵ : | | | |
| Position code ⁶ : | | | |
| E-mail: | | | |

⁴ To select a choice, right-click on the box →Properties →Checked →OK.

⁵ **UNI**=University, **RES**=Public Research Organisation, **SME**=Small or Medium Enterprise, **PRV**=Other and/or profit or not profit Private Organisation, **OTH**= Other Organisation

⁶ **UND**=Undergraduate, **PGR**=Post-graduate (student with a first University degree or equivalent), **PDOC**=Post-doc researcher, **TEC**=Technician, **EXP**=Experienced researcher (professional researcher).

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

| MOBILE LABORATORIES ⁷ | | | |
|---|--|--|--|
| Spot Analyses | Imaging/Mapping techniques | 2D/3D digitization techniques | Remote Sensing & Geophysics analyses |
| <input type="checkbox"/> Bioluminescence | <input type="checkbox"/> IR Thermography | <input type="checkbox"/> 2D digitization using RTI techniques | <input type="checkbox"/> Fluxgate gradiometry |
| <input type="checkbox"/> Contact Sponge Method | <input type="checkbox"/> Macro XRF/VIS NIR Hyperspectral mapping | <input type="checkbox"/> 2D digitization using planetary scanner and large format scanner | <input type="checkbox"/> Georesistivity meters |
| <input type="checkbox"/> Drilling Resistance Measurement (DRMS) | <input type="checkbox"/> Macro XRF rotational mapping | <input type="checkbox"/> 3D Laser Scanning technique | <input type="checkbox"/> GPR structure scan |
| <input type="checkbox"/> Eddy Current conductivity measurement | <input type="checkbox"/> Microprofilometry | <input type="checkbox"/> 360° photo shooting and video recording | <input type="checkbox"/> Global Navigation Satellite System (GNSS) |
| <input type="checkbox"/> Evanescent Field Dielectrometry (EFID) | <input type="checkbox"/> Micro XRF mapping | <input type="checkbox"/> Global Navigation Satellite System (GNSS) | <input type="checkbox"/> Ground Penetrating Radar |
| <input type="checkbox"/> External reflection near-FTIR | <input type="checkbox"/> Optical Coherence Tomography | <input type="checkbox"/> Laser scanner Faro Focus | <input type="checkbox"/> Magnetic gradiometer |
| <input type="checkbox"/> External reflection mid-FTIR | <input type="checkbox"/> Scanning multispectral VIS-NIR reflectography | <input type="checkbox"/> Medium or small-scale 3D digitization with active instrumentation | <input type="checkbox"/> GPR multi-antenna |
| <input type="checkbox"/> Low Energy XRF | <input type="checkbox"/> Terahertz time-domain imaging spectroscopy | <input type="checkbox"/> Multi stereo view photogrammetry (terrestrial and aerial through UAV systems) | <input type="checkbox"/> Multi-depth electromagnetic conductivity meters |
| <input type="checkbox"/> Micro Raman (532 & 785 nm) | <input type="checkbox"/> UV/IR imaging | <input type="checkbox"/> Spherical photogrammetry | <input type="checkbox"/> Searching, processing and archaeological interpretation of archived aerial photos, space photos and optical satellite imagery |
| <input type="checkbox"/> NMR depth-profiling/relaxometry | <input type="checkbox"/> VIS hyperspectral imaging (reflection & emission) | <input type="checkbox"/> Total Station (TS) | <input type="checkbox"/> UAV-LiDAR |
| <input type="checkbox"/> Peeling test | <input type="checkbox"/> SWIR hyperspectral imaging | | <input type="checkbox"/> UAV based – VIS multispectral (+RGB) & IRT imagery |
| <input type="checkbox"/> Raman (785 & 1064 nm SORS) | <input type="checkbox"/> T GI XRF mapping | | |
| <input type="checkbox"/> Schmidt Hammer test | <input type="checkbox"/> Vis induced luminescence | | |
| <input type="checkbox"/> Ultrasonic pulse velocity (UPV) | <input type="checkbox"/> XRF confocal mapping | | |
| <input type="checkbox"/> UV-Vis-NIR fluorescence | <input type="checkbox"/> XRD mapping | | |
| <input type="checkbox"/> UV-Vis-NIR reflectance | <input type="checkbox"/> X-ray radiography | | |
| <input type="checkbox"/> XRD | <input type="checkbox"/> X-ray tomography | | |
| <input type="checkbox"/> XRF | | | |

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.

⁷ Analyses will be carried out *in situ*, i.e. where the artworks(s)/monument are located, by expert MOLAB operators. To select a technique, right-click on the box →Properties →Checked →OK.

6) Expected duration of the project (5 days max)⁸: _____

1st choice _____

2nd choice _____

7) Project description (max 5000 words⁹, including figures and tables)

- Scientific background
- Project Aims & Objectives
- Description of the planned work¹⁰
- Expected achievements, impact and dissemination plan¹¹
- References

⁸ Users are requested to indicate two potential timeframes for access to be carried out by inserting either specific dates or generic month, 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 submission deadline, dates indicated commencing October 2023 will be considered. 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.

⁹ Project description exceeding the max number of words will not be taken into consideration.

¹⁰ Experimental technique(s) requested with justification, required set-up(s), measurement strategy, sampling area/point details (number, location, etc.)

¹¹ 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 publication the support by MUR (FOE ERIHS IT and PON Ricerca e Innovazione 2014-2020, CCI: 2014IT16M2OP005) 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.

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

| |
|---|
| Inventory number: |
| Type/size: |
| Location: |
| Ownership: |
| Ownership consent ¹² : <input type="checkbox"/> requested <input type="checkbox"/> received <input type="checkbox"/> other (<i>please explain</i>) |
| 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*¹³)

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

Yes (please specify) No

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

personal contact web page conference publications other (please explain)

12) 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 form¹⁴

¹² 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.

¹³ Curriculum Vitae exceeding the max number of words will not be taken into consideration.

¹⁴ 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.

yes (please specify repository details, if applicable)

no

Date

User Group Leader Signature¹⁵

.....

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

¹⁵ 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/>). 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).