

RATES

This document presents the services offered by the CENIEH as an ICTS to researchers and companies. Only the services defined are mentioned below: the Center also possesses capabilities for other methodologies to be commissioned and scientifictechnical consultancy work. Availability of the services described depends on the scientific-technical staff available, the capability and operability of the equipment.

General conditions:

- The procedure for requesting the services shall be in accordance with the Access Protocol available on the website and through the User Office.
- The commissioning of procedures, processes or methodologies shall be invoiced for on the basis of the cost of each of the techniques.
- The minimum charge for the different techniques which are charged per hour shall be equivalent to one hour, or the fraction indicated in the rate.
- Any tests which fail as a consequence of malfunctioning of the analytical instrumentation of the ICTS shall not be chargeable.
- When standards not available in the laboratories are needed, the cost of those standards will be added to the price of the service, subject to the prior agreement of the requester.
- Laboratories or services not envisaged in the following schedule can be engaged and charged for on the basis of a prior agreement on price.
- The equipment denoted (LUC) may be used in the "qualified user" mode subject to inclusion of the user in the LUC (List of Qualified Users), and reception of the appropriate instructions or training.
- All the rates are for guidance only, and the prices may undergo modification, depending on the number of samples and their specific characteristics. Please request an estimate for each analysis and test and, in any case, for services not included in the tables below.

Application of Rates for the Competitive and On-Demand Access Modes

Competitive Access Mode

The applications made to laboratories with Competitive Access Mode by means of Competitive Calls, and following resolution, will be assigned as priority 1 or priority 2, and will be executed during the period established in the call, with **Rate A** being applied in all cases, whether they are for members of the CENIEH, or public or private bodies.

The applications made to laboratories with Competitive Access Mode but by means of On-Demand Access shall be charged at:

- **Rate B** for members of the CENIEH and for work arising from their research activity, whether as researchers on an internal project or as co-researchers on a project based at another research center or university.



- **Rate C** for public institutions such as universities, public research bodies (OPIs) or private bodies and companies.

On-Demand Access Mode

The applications made to laboratories with exclusive On-Demand Access mode shall be charged at Rate A, B or C, depending on the kind of requesting institution, determined in general as follows:

- **Rate A:** applicable to members of the CENIEH and for work arising from their research activity, whether as researchers on an internal project or as co-researchers on a project based at another research center or university
- **Rate B:** applicable to public institutions such as universities and public research bodies (OPIs) and other public bodies.
- **Rate C:** applicable to any class of work destined for and/or for the purposes of companies or private bodies.

Access Mode established for Laboratories 2023			
Laboratories with	Laboratories with		
Competitive Access Mode	On-Demand Access Mode		
-Micro-Computed Tomography Area	Geology Laboratories:		
of the Microscopy and Micro-	 Sample Preparation 		
Computed Tomography Laboratory	- Thin Sections		
-Geochronology laboratories:	Archaeometry Laboratory		
Archaeomagnetism	Digital Mapping and Multimedia Laboratory		
Luminescence	Experimental Archaeology Laboratory		
Electron Spin Resonance	Conservation and Restoration Laboratory		
Uranium Series			
Cosmogenic Nuclides			

- Should the complete provision of the service requested require the CENIEH to subcontract part of the work, the cost of this subcontracting, with a surcharge of 10%, will be charged as an extra.
- The rates shown do not include VAT. The current rate of VAT will be applied to them.



ARCHAEOMETRY LABORATORY

FIELDWORK	Rate A	Rate B	Rate C
Taking samples (€/person-day)	250	375	500
X-RAY DIFFRACTION	Rate A	Rate B	Rate C
Sample preparation DRX-grinding (€/unit)	2	3	4
Sample preparation DRX-milling (€/unit)	2	3	4
Sample preparation DRX-mortar (€/unit)	3	4,5	6
Sample preparation for Oriented Aggregates (€/unit)	40	60	80
Preparation tablet 13 mm (€/unit)	3	4,5	6
X-ray diffraction (€/hour)	5	7,5	10
Multipurpose platform diffraction (€/hour)	5	7,5	10
Identification of phases (€/unit)	15	22,5	30
X-RAY FLUORESCENCE	Rate A	Rate B	Rate C
Sample preparation FRX-grinding (€/unit)	2	3	4
Sample preparation FRX-milling (€/unit)	2	3	4
Preparation tablet 13 mm (€/unit)	3	4,5	6
Preparation tablet 40 mm (€/unit)	4	6	8
Preparation glass bead (€/unit)	7	10,5	14
Semi-quantitative analysis (€/unit)	9	13,5	18
Quantitative analysis (€/unit)	12	18	24
Calculation of LOI (€/unit)	5	7,5	10
INFRARED SPECTROSCOPY (FTIR)	Rate A	Rate B	Rate C
Sample preparation FTIR-grinding (€/unit)	2	3	4
Sample preparation FTIR-milling (€/unit)	2	3	4
Preparation tablet 13 mm (€/unit)	3	4,5	6
ATR/transmission (€/unit)	2	3	4
Use of instrument (€/hour)	5	7,5	10
RAMAN MICROSCOPY	Rate A	Rate B	Rate C
Use of instrument (€/hour)	5	7,5	10
THERMOGRAVIMETRY (TG/DSC)	Rate A	Rate B	Rate C
Sample preparation TG/DSC-grinding (€/unit)	2	3	4
Sample preparation TG/DSC-milling (€/unit)	2	3	4
Use of instrument (€/hour)	10	15	20
THERMOGRAVIMETRY (TG/DSC)+FTIR	Rate A	Rate B	Rate C
Sample preparation TG/DSC-grinding (€/unit)	2	3	4
Sample preparation TG/DSC-milling (€/unit)	2	3	4
Preparation tablet 13 mm (€/unit)	3	4,5	6
Use of instrument TG+DSC+FTIR (€/hour)	15	22,5	30
SCIENTIFIC-TECHNICAL REPORT	Rate A	Rate B	Rate C
Scientific-Technical Report (€/day)	100	150	200
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MICROSCOPY AND MICRO-COMPUTED TOMOGRAPHY LABORATORY

MICRO-COMPUTED TOMOGRAPHY	Rate A	Rate B	Rate C
Sample preparation (€/hour)	12	15	20
V Tome XS Use of scanner 240 kV (€/hour)- qualified user*	35	60	100
V Tome XS Use of scanner 180 kV (€/hour)- qualified user*	45	75	120
V Tome XS Establishment of parameters 240 kV (€/hour)	35	60	100
V Tome XS Use of scanner 240 kV (€/hour)	45	70	110
V Tome XS Establishment of parameters 180 kV (€/hour)	45	75	120
V Tome XS Use of scanner 180 kV (€/hour)	55	85	130
CoreTOM Establishment of parameters (€/hour)	45	70	110
CoreTOM Use of scanner (standard) (€/hour)	45	70	110
CoreTOM Use of scanner <i>in-situ</i> test (€/hour)	45	70	130
Radiographies:			
- Between 1 and 5 (€/unit)	9	14	22
- Between 6 and 15 (€/unit)	8	13	21
- More than 15 (€/unit)	7	12	20
Image analysis (€/hour) Qualified user*	30	45	60
Image analysis (€/hour)	35	50	65
Image analysis training (€/hour)	30	45	60
AUTOMATED MICROSCOPY MORPHOLOGI G3	Rate A	Rate B	Rate C
Sample preparation (€/hour)	12	15	20
Use of Morphologi G3 (€/hour) Qualified user*	10	15	20
Use of Morphologi G3 (€/hour)	20	25	30
Use of software (€/hour) Qualified user*	10	15	20
Qualification training Morphologi (€/hour)	20	25	30
Use of software (€/hour)	20	25	30
ELECTRON MICROSCOPY	Rate A	Rate B	Rate C
Sample preparation (€/hour)	12	15	20
Use of SEM (€/hour) Qualified user*	15	22,5	30
Use of EDS/WDS (€/hour) Qualified user*	17	25,5	34
Use of SEM (€/hour)	19	26,5	34
Use of EDS/WDS (€/hour)	21,5	30	38,5
Au coating (€/sample)	17,5	25	32,5
C coating (€/sample)	12	17	22
Qualification training SEM/EDS (€/hour)	19/21,5	26,5/30	34/38,5
3D DIGITAL MICROSCOPY	Rate A	Rate B	Rate C
Sample preparation (€/hour)	12	15	20
Use of 3D microscope (€/hour) Qualified user*	10	15	20



Qualification training 3D (€/hour)	12	17	22
Use of 3D microscope (€/hour)	12	17	22
CONFOCAL LASER MICROSCOPY	Rate A	Rate B	Rate C
Sample preparation (€/hour)	12	15	20
Use of confocal laser (€/hour) Qualified user*	10	15	20
Use of confocal laser (€/hour)	12	17	22
OPTICAL MICROSCOPY	Rate A	Rate B	Rate C
Sample preparation (€/hour)	12	15	20
Petrographic analysis (€/hour)	3	4,5	6
Metallographic analysis (€/hour)	3	4,5	6
Fluorescence analysis (€/hour)*	8	12	16
Petrographic analysis (€/hour)	6	9	12
Metallographic analysis (€/hour)	6	9	12
Fluorescence analysis (€/hour)	12	16	20
SCIENTIFIC-TECHNICAL REPORT	Rate A	Rate B	Rate C
Scientific-Technical Report (€/day)	100	150	200
Scientific-Technical Report (€/hour)	50	75	100
Data and results analysis	20	30	40

*Qualified users must undergo prior training whose duration depends on the equipment. This will be charged for at the rates shown for each case.



GEOLOGY LABORATORY

SAMPLE PREPARATION	Rate A	Rate B	Rate C
Rock cutting wet/dry (€/hour)	5	7.5	10
Jaw crushing (€/hour)	5	7.5	10
Vibratory disc/ball mill (€/hour)	5	7.5	10
Screening wet/dry (€/hour)	8	12	16
Magnetic separator (€/hour)	30	45	60
Microwave oven digestion (€/unit)	9	13.5	18
GRANULOMETRY	Rate A	Rate B	Rate C
Mineral separation and screening by grain size (PE-05GE) (€/unit)	10	15	20
Beckman Coulter laser granulometric analysis (€/hour)	50	75	100
Robinson pipette	20	30	40
CHEMICAL ASSAYS	Rate A	Rate B	Rate C
Petron calcimetry (€/unit)	12	18	24
Determination of humidity by desiccation and gravimetry (€/unit)	5	7.5	10
Determination of organic matter by ignition (€/unit)	8	12	16
Electrical conductivity and pH (€/unit)	5	7.5	10
THIN SECTIONS AND PROBES	Rate A	Rate B	Rate C
Consolidation (€/unit)	7	10.5	14
Standard thin section (LDS)			
polished (€/unit)	16	24	32
without cover (€/unit)	12	18	24
with cover (€/unit)	13	19.5	26
Medium thin section (LDM)			
polished (€/unit)	25	37.5	50
without cover (€/unit)	20	30	40
with cover (€/unit)	21	31,5	42
Large thin section (LDG)			
polished (€/unit)	40	60	80
without cover (€/unit)	34	51	68
with cover (€/unit)	35	52.5	70
Preparation of polished probes	25	37.5	50
SOIL MICROMORPHOLOGY THIN SECTIONS	Rate A	Rate B	Rate C
Standard impregnation* (€/unit)	25	37.5	50
Soil micromorphology thin sections (€/unit) (already impregnated)	25	37.5	50
Soil micromorphology thin sections with impregnation (€/unit)	100	150	200
SCIENTIFIC-TECHNICAL REPORT	Rate A	Rate B	Rate C
Scientific-Technical Report (€/day)	100	150	200
Scientific-Technical Report (€/hour)	50	75	100

*Standard impregnation refers to a certain standard size of impregnation cuvette, and the units will be the number of these necessary, or equivalent volume.



GEOCHRONOLOGY: ARCHAEOMAGNETISM LABORATORY

FIELDWORK	Rate A	Rate B	Rate C
Taking samples (€/person-day)	250	375	500
SAMPLE PREPARATION	Rate A	Rate B	Rate C
Sample cutting (hours)+marking-(€/hour)	5	7.5	10
VSM-ambient temperature (Qualified user)	Rate A	Rate B	Rate C
VSM (€/hour)	1.5	2.25	3
VSM (€/day)	15	22.5	30
HYSTERESIS LOOPS	Rate A	Rate B	Rate C
Hysteresis loops (ambient temperature) - (€/hour)	2	3	4
Hysteresis loops (high temperature) - (€/hour)		On request	
Hysteresis loops (low temperature*) - (€/hour)		On request	
ISOTHERMAL REMANENT MAGNETIZATION (IRM)	Rate A	Rate B	Rate C
IRM and AIRM by VSM - (€/hour)	2	3	4
IRM by magnetic pulses – (€/unit)	2	3	4
AIRM-IRM anisotropy– (€/unit)	2	3	4
FORC	Rate A	Rate B	Rate C
Use of equipment (ambient temperature) - (€/hour)	2	3	4
Use of equipment (low temperature)* - (€/hour)	2	3	4
ANHYSTERETIC REMANENT MAGNETIZATION (ARM)	Rate A	Rate B	Rate C
ARM (€/unit)	2	3	4
AARM (€/unit)	2	3	4
AF/TH DEMAGNETIZATION	Rate A	Rate B	Rate C
AF/TH (€/unit)	4	6	8
ANISOTROPY OF MAGNETIC SUSCEPTIBILITY (ASM)	Rate A	Rate B	Rate C
ASM (€/unit)	7	10.5	14
USE OF LABORATORY (day)	Rate A	Rate B	Rate C
Use of laboratory (day)	150	225	300
SCIENTIFIC-TECHNICAL REPORT	Rate A	Rate B	Rate C
Scientific-Technical Report (€/day)	100	150	200
Scientific-Technical Report (€/hour)	50	75	100

*In the case of measurements at low temperature, the price/hour may be affected by the cost and availability of liquid He at the moment in question, so that this should be confirmed before undertaking the tests.

GEOPHYSICS	Rate A	Rate B	Rate C
Electrical tomography (€/day)	150	300	600
Ground penetrating radar (€/day)	100	150	300

Use of this equipment by hiring shall only be permitted for persons with experience and this shall be assessed in each case.



GEOCHRONOLOGY: ELECTRON SPIN RESONANCE LABORATORY

FIELDWORK	Rate A	Rate B	Rate C
Taking samples (€/person-day)	250	375	500
HIRE SPECTROMETRY EQUIPMENT	Rate A	Rate B	Rate C
Per day of use	50	75	100
GAMMA AND BETA DOSIMETRY	Rate A	Rate B	Rate C
Sample preparation gamma dosimetry (€/sample)	18	27	36
Measurement gamma dosimetry (€/sample)	18	27	36
USE of ESR equipment		Rate B	
	Rate A		Rate C
Use of ESR equipment (€/hour) ambient temperature	5	20	40
Use of ESR equipment (€/hour) low temperature (N2)	18	72	144
BLEACHING	10	30	60
DATING OF QUARTZ	Rate A	Rate B	Rate C
Complete dating. Separation of quartzes, gamma	450	600	800
spectrometry, bleaching, irradiation, ESR measurement,			
analysis of results and calculation of age.	125	202 Г	270
(Partial) Separation of quartzes (€/sample)	135	202.5	270
(Partial) ESR measurement and analysis of results (€/sample) and calculation of age.	315	472.5	630
(Partial) For irradiation and bleaching, the stated rates shall	See the irradiation and		h and
be applied.	bleaching rates		
DATING OF TEETH	Rate A	Rate B	Rate C
No. of samples with separation of tissues (€/sample)	200	300	400
Gamma spectrometry, irradiation (€/sample)	50	75	100
ESR chemical preparation and measurement, analysis of	350	525	700
results and calculation of age (€/sample)	550	525	700
GAMMA IRRADIATION AND BLEACHING	Rate A	Rate B	Rate C
Gamma irradiation: Irradiation vials	0.2	0.3	0.4
Gamma irradiation: Band I - Up to 30 sample-doses per KGy	1.5	2.25	3
Gamma irradiation: Band II - Over 30 sample-doses per KGy	0.65	1	1.3
Gamma irradiation: Preparation of vials by the user	0.2	0.3	0.4
Gamma irradiation: Preparation of vials by the laboratory	1.2	1.8	2.4
Sample bleaching (€/sample)	1.2	30	60
SCIENTIFIC-TECHNICAL REPORT	Rate A	Rate B	Rate C
Scientific-Technical Report (€/day)	100	150	200
Scientific-Technical Report (€/hour)	50	75	100
If propagation of a thin section for tooth dating is possessed			

If preparation of a thin section for tooth dating is necessary, for subsequent LA-ICP-MS and calculation of U/Th concentration, the charge for LA-HR-ICP-MS must be added (please see the rates for Uranium Series). If sediment analysis to determine the U/Th/K ratio is necessary, the corresponding charge for elemental analysis must be added (please see the rates for Uranium Series).



GEOCHRONOLOGY: LUMINESCENCE LABORATORY

LUMINESCENCE DATING (OSL/IRSL) (€/sample)	Rate A	Rate B	Rate C
This includes sample preparation (separation of quartz or	372	558	744
feldspar as appropriate), luminescence measurement,			
calculation of dose rate, estimation of age and submission			
of brief report describing the methodology and results.			
USE OF LUMINESCENCE READER* (€/sample)	Rate A	Rate B	Rate C
Qualified use of luminescence reader	102	150	201
Training (€/hour)	15	22.5	30
HIRE SPECTROMETRY EQUIPMENT	Rate A	Rate B	Rate C
Per day of use (€/day)	50	75	100
FIELDWORK	Rate A	Rate B	Rate C
Taking samples (€/person-day)	250	375	500
SCIENTIFIC-TECHNICAL REPORT	Rate A	Rate B	Rate C
Scientific-Technical Report (€/day)	100	150	200
Scientific-Technical Report (€/hour)	50	75	100

*The user must possess prior knowledge and pass a training session (approx. 1-2 h) before starting the work, and shall be offered the opportunity to act as a qualified user. Machine time shall be assigned on the basis of the characteristics of the samples and users shall act at all times per the instructions of the IRA 3015 beta area supervisor.

It is possible to request only part of the luminescence dating process(extraction of quartz/feldspar grains, luminescence measurement, high-resolution gamma spectrometry or beta spectrometry). Please inquire in advance.



GEOCHRONOLOGY: COSMOGENIC NUCLIDES LABORATORY

COSMOGENIC NUCLIDES DATING	i (€/sample)	Rate A	Rate B	Rate C
Complete preparation of sample	s for 10Be analysis (and	250	375	500
26Al if necessary) (€/sample)				
 Crushing and sieving (€/s 	ample)	20	30	40
2. Extraction and purification	on of quartzes (including	140	210	280
magnetic separation, sep	paration by density and			
acid attack) (€/sample)				
3. Beryllium (and aluminun	if necessary), extraction	90	135	180
(including quartz digestion	on, evaporation with HF,			
ion exchange, chromato	graphy, hydroxide			
precipitation) (€/sample				
MEASUREMENT BY AMS (€/sam	ole)	Rate A	Rate B	Rate C
Please inquire with the laborator	۷*			
FIELDWORK		Rate A	Rate B	Rate C
Taking samples (€/person-day)		250	375	500
SCIENTIFIC-TECHNICAL REPORT		Rate A	Rate B	Rate C
Scientific-Technical Report (€/da	y)	100	150	200
Scientific-Technical Report (€/ho	ur)	50	75	100

The actual sample preparation procedure will vary with the types of material, the availability of samples, and the measurements required (exposure ages, erosion rates, burial ages, etc.).

AMS analysis for 10Be (and 26Al when necessary) shall be performed at the facilities associated to the CENIEH for AMS measurements. Consulting the laboratory researcher before submitting the proposal is recommended.

When 26Al analysis is necessary, an ICP-OES analysis to determine the intrinsic Al concentration in the quartz is required. The additional cost for ICP-OES analysis may be charged, in accordance with the schedule of charges for the Uranium Series Laboratory at the CENIEH.



GEOCHRONOLOGY: URANIUM SERIES LABORATORY

FIELDWORK	Rate A	Rate B	Rate C
Taking samples (€/person-day)	250	375	500
URANIUM SERIES DATING	Rate A	Rate B	Rate C
Physical evaluation of the sample/subsampling (€/hour)	36	48	72
Micromilling (€/hour)	45	67.5	90
Micromilling qualified user (€/hour)	2	3	4
Chemical separation (€/sample)	120	180	240
Measurement of MC-HR-ICP-MS (€/sample)	224	336	448
Sample preparation and measurement by MC ICP-MS	320	480	640
(€/sample)			
MULTIELEMENTAL ANALYSIS	Rate A	Rate B	Rate C
Physical evaluation of the sample/subsampling (€/hour)	5	7.5	10
Microwave-assisted chemical treatment of sample	20	30	40
(€/sample)			
Chemical treatment without microwaves (€/sample)	12	18	24
ICP-OES calibration	30	45	60
Quantitative analysis ICP-OES (€/sample)	10	15	20
ICP-MS calibration	60	90	120
Quantitative analysis ICP-HRMS (€/sample)	40	60	80
Exploratory analysis U-Th ICP-HRMS (€/sample)	30	45	60
LASER ABLATION(*)	Rate A	Rate B	Rate C
Adjustment of equipment (€/day)	200	300	400
LA-MC-ICPMS (€/hour)	180	270	360
LA-ICP-HRMS (€/hour)	120	180	240
SCIENTIFIC-TECHNICAL REPORT	Rate A	Rate B	Rate C
Scientific-Technical Report (€/day)	100	150	200
Scientific-Technical Report (€/hour)	50	75	100

If preparation of a thin section for laser ablation is necessary, the charge for preparation of the section necessary from the sample must be added (Geology).



DIGITAL MAPPING AND 3D ANALYSIS LABORATORY

FIELDWORK	Rate A	Rate B	Rate C
Fieldwork (€/person-day)	250	375	500
AERIAL CARTOGRAPHY (DRONES)	Rate A	Rate B	Rate C
Please inquire			
2D PRINTING	Rate A	Rate B	Rate C
Premium glossy paper	25	40	50
Photographic paper	23	25	46
Ordinary paper	10	15	20
TOPOGRAPHY	Rate A	Rate B	Rate C
Robotic total station TS15. (€/day)	65	85	100
Robotic total station TS15. (€/week)	200	250	300
Robotic total station TS15. (€/month)	450	550	650
Manual total station TS02. (€/day)	30	40	50
Manual total station TS02. (€/week)	100	120	150
Manual total station TS02. (€/month)	250	320	370
GPS/GNSS (centimetric) (€/day)	60	90	100
GPS/GNSS (centimetric) (€/week)	250	300	350
GPS/GNSS (centimetric) (€/month)	400	600	800
PHOTOGRAMMETRY	Rate A	Rate B	Rate C
Please inquire			
SCANNERS	Rate A	Rate B	Rate C
Tripod 3D laser scanner (€/day)	150	500	550
Tripod 3D laser scanner (€/week)	600	1500	2000
Tripod 3D laser scanner (€/month)	2000	3000	5000
Handheld or desktop 3D laser scanner (€/day)	30	120	170
Handheld or desktop 3D laser scanner (€/week)	200	500	700
Handheld or desktop 3D laser scanner (€/month)	350	1000	2000
SCIENTIFIC-TECHNICAL REPORT	Rate A	Rate B	Rate C
Scientific-Technical Report (€/day)	100	150	200
Scientific-Technical Report (€/hour)	50	75	100

Specific conditions:

- The rates do not include loan for service outside the laboratory of the applications for subsequent data processing: only the programs necessary for downloading and basic evaluation of the data are included.
- 2) The rates include the loan of field laptops for the desktop scanners only.

The requester shall be responsible for returning the equipment in the condition in which it was loaned. The equipment is partly insured, although in the event of any claim, the requester shall be liable for the policy excess. In cases of breakdown, breakage or theft of the equipment, the requester shall bear liability in accordance with the general conditions of the Center.



CONSERVATION AND RESTORATION

FIELDWORK*	Rate A	Rate B	Rate C
Consultancy, Conservation and Intervention in situ	250	375	500
(€/person-day)			
TECHNICAL CONSULTANCY	Rate A	Rate B	Rate C
Analysis of state of conservation of cultural, archaeological	15	22.5	30
and paleontological assets (€/hour)			
Preventive conservation in museum halls and deposits	15	22.5	30
(physical and environmental compliance, exhibition			
systems, transport, etc.) (€/hour)			
Curative conservation and restoration (€/hour)	15	22.5	30
Application of analytical techniques to cultural assets	15	22.5	30
(€/hour)			
INTERVENTION ON CULTURAL, ARCHAEOLOGICAL	Rate A	Rate B	Rate C
AND/OR PALEONTOLOGICAL ASSETS-PREVENTIVE			
CONSERVATION			
Environmental tracking and active control (RH, T, lighting	15	22.5	30
systems, atmospheric contaminants) (€/hour)			
Active pest control (€/hour)	15	22.5	30
Physical conditioning (deposit/transport) (€/hour)	15	22.5	30
Design of preventive conservation plan/collections	600	900	1200
emergency plan (€/week)			
Temporary physical conditioning (€/hour)	15	22.5	30
INTERVENTION ON CULTURAL, ARCHAEOLOGICAL	Rate A	Rate B	Rate C
AND/OR PALEONTOLOGICAL ASSETS-CURATIVE			
CONSERVATION & RESTORATION			
Desiccation (active control) (€/hour)	15	22.5	30
Stabilization: desalting (€/hour)	15	22.5	30
Inhibition of metal corrosion (€/hour)		22.5	30
Protection (€/hour)	15	22.5	30
Biocide treatments (€/hour)	15	22.5	30
Cleaning of surfaces/elimination of crusts (mechanical-	15	22.5	30
chemical) (€/hour)			
Surface stabilization, spot internal consolidation, by suction	15	22.5	30
or immersion (€/hour)			
Volumetric reconstruction (€/hour)	15	22.5	30
Volumetric reintegration (€/hour)	15	22.5	30
Chromatic reintegration (€/hour)	15	22.5	30
MOLDS AND REPLICAS	Rate A	Rate B	Rate C
Master and first replica-Up to 10 cm (€/unit)	60	90	120
Master and first replica-10 to 20 cm (€/unit)	87	130	174
Master and first replica-20 to 30 cm (€/unit)	115	172	230
Master and first replica-30 to 80 cm (€/unit)	180	270	360



Master and first replica-More than 80 cm-price on	-	-	-
application			
Delivery of master-Up to 10 cm (€/unit)	180	270	360
Delivery of master-10 cm-20 cm (€/unit)	261	391.5	522
Delivery of master-20 cm-30 cm (€/unit)	345	517.5	690
Delivery of master-30 cm-80 cm (€/unit)	540	810	1080
Delivery of master-More than 80 cm-price on application	-	-	-
Second and subsequent replicas-Up to 10 cm (€/unit)	30	45	60
Second and subsequent replicas-10 cm-20 cm (€/unit)	43	64.5	86
Second and subsequent replicas- 20 cm-30 cm (€/unit)	57	85.5	114
Second and subsequent replicas-30 cm-80 cm (€/unit)	90	135	180
Second and subsequent replicas-More than 80 cm-price on	-	-	-
application			
Chromatic reintegration-Up to 10 cm (€/unit)	35	52.5	70
Chromatic reintegration-10 cm-20 cm (€/unit)	70	105	140
Chromatic reintegration-20 cm-30 cm (€/unit)	105	157.5	210
Chromatic reintegration-30 cm-80 cm (€/unit)	175	262.5	350
Chromatic reintegration-More than 80 cm-price on	-	-	-
application			
SCIENTIFIC-TECHNICAL REPORT	Rate A	Rate B	Rate C
Scientific-Technical Report (€/day)	100	150	200
Scientific-Technical Report (€/hour)	50	75	100

*For long-duration fieldwork, a specific estimate will be given in advance, as determined by the specific conditions of the work to be undertaken.



EXPERIMENTAL ARCHAEOLOGY

This laboratory works to individual orders. Price of materials for the experiments and tests:

FIELDWORK	Rate A	Rate B	Rate C
Fieldwork (€/person-day)	250	375	500
ROCK ANALYSIS AND KNAPPING EXPERIMENTS	Rate A	Rate B	Rate C
Evaluation of properties (measurement with equipment) (€/hour)	8	12	16
Evaluation of properties (measurement with equipment) (€/day)	40	60	80
Stigma benchmark by knapping techniques (€/hour)	10	15	20
Stigma benchmark by knapping techniques (€/day)	45	67.5	90
Consumables and raw materials (cost of consumables)	See the schedule for consumables		
TRACEOLOGICAL EXAMINATION	Rate A	Rate B	Rate C
Sample preparation for experimental benchmark use (ϵ /day)	40	60	80
Sample preparation for experimental benchmark use (€/hour)		12	16
Experimentation to create experimental benchmark of traces of use (€/hour)	10	15	20
Experimentation to create experimental benchmark of traces of use (€/day)		67.5	90
Examination of traces of use (microscope) (€/hour)	10	15	20
Examination of traces of use (microscope) (€/day)	50	75	100
Consumables and raw materials (cost of consumables)			
PROCESSING OF ARCHAEOLOGICAL MATERIAL	Rate A	Rate B	Rate C
Washing, marking and simple inventorying (€/hour)	8	12	16
Washing, marking and simple inventorying (€/day)	40	60	80
Photography, drawing and infographics (€/hour)	8	12	16
Photography, drawing and infographics (€/day)	40	60	80
Technological analysis, critical reading (€/hour)	45	67.5	90
Technological analysis, critical reading (€/day)	95	142.5	190
ARCHAEOLOGICAL REPLICAS AND LEASING REPLICAS	Rate A	Rate B	Rate C
Consumables and raw materials (cost of consumables)	Please inquire		
USE OF LABORATORY AND EQUIPMENT BY QUALIFIED USERS	Rate A	Rate B	Rate C
Consumables and raw materials (cost of consumables)	7	10.5	14
Accelerated climatic test chamber (basic) (€/day)	35	52.5	70
Consumables gases for climatic chamber-Total amount	Please inquire		
Universal Testing Machine Shimadzu (€/hour)	6	9	12
Universal Testing Machine Shimadzu (€/day)	30	45	60
Skeletization space (necropsies-cooking) (€/hour)	5	7.5	10
Skeletization space (necropsies-cooking) (€/day)	25	37.5	50
Knapping area (€/hour)	3	4.5	6



Knapping area (€/day)	15	22.5	30
High-speed camera Photron (€/hour)	17	25.5	34
High-speed camera Photron (€/day)	85	127.5	170
General qualification training (€/hour)	15	22.5	30
Use of 3D digital microscope (€/hour) Qualified user*	10	15	20
Qualification training 3D (€/hour)	12	17	22
Use of 3D microscope (€/hour)	12	17	22
SCIENTIFIC-TECHNICAL REPORT	Rate A	Rate B	Rate C
Scientific-Technical Report (€/day)	100	150	200
Scientific-Technical Report (€/hour)	50	75	100

CONSUMABLES	Rate A – kg/100 g	Rate B – kg/100 g	Rate C – kg/100 g
Quartzite, sandstone or limestone	10.7/1.07	16.05/1.60	21.4/21.4
Flint 2nd class	10.7/1.07	16.05/1.60	21.4/2.14
Flint 1st class	37.45/5.35	56.18/8.02	74.9/10.7
Obsidian	53.5/8.02	80.25/12.04	107/16.05
Antler	48.15/5.35	72.23/8.02	96.3/10.7
Bone	10.7/1.07	16.05/1.60	21.4/2.14
Hardwood	37.45/5.35	56.18/8.02	74.9/10.7
Industrial wood	10.7/1.07	16.05/1.60	21.4/2.14
Copper sheet or rod	48.15/4.81	72.23/7.22	96.3/9.63