



UNIVERSITÀ
degli STUDI
di CATANIA

Uni
ct

FISICA E ASTRONOMIA
"ETTORE MAJORANA"

Via SANTA SOFIA 64, 95124 CATANIA
dfa@unict.it

Rate And Fees For Services And Provision Of Consultancy Services

(Approved by "Consiglio del Dipartimento" on 22/11/2022)

The rates for the services indicated in the table refer to the activity of measurement and reporting of results. Remuneration for vacancy (CV) will be added after the relative calculation.

In case of multiple services linked to each other, the possible additional calculation on vacancy is carried out on the whole of the services and not on each individual performance.

The costs were calculated according to the economic criteria provided for in paragraph 1 of Article 6 of the "Regolamento per le prestazioni in conto terzi e altre prestazioni esterne a pagamento" of the University of Catania ((D.R. n. 2628 del 29/07/2022 e D.R. n. 11336 del 12/12/2005).).

The costs indicated are VAT (IVA) excluded and do not include fees on vacancy (CV).

The CVs, including the transport of instruments, are established in proportion to time necessary for the personnel in charge to perform the service and they are to be adopted in the situations that require "in situ" measurements:

Graduated staff (each, for each hour or part thereof) € 65.00

Non-graduated staff (each, for each hour or part thereof) € 35.00

For performance during the night (8PM-8AM hours) + 60%

For services on holidays + 60%

For dangerous situations or disadvantaged locations + 60%

For emergency calls + 100%

1. RADIAZIONI IONIZZANTI

1.1 Alpha Spectrometry

for each sample (from 1 to 3) 200,00 €
for each additional sample 180,00 €

1.2 Gamma spectrometry (standard methodology)

for each sample (from 1 to 3) 200,00 €
for each additional sample 150,00 €

2. NON-DESTRUCTIVE PHYSICAL ANALYSIS

- 2.1 RBS analysis - channeling with He or H beam from 500 keV to 3 MeV
for each sample € 300,00
- 2.2 PIXE analysis with He or H beam from 500 keV to 3 MeV
for each sample € 500,00
- 2.3 ERDA analysis with He beam from 500 keV to 3 MeV for detection of trace H
for each sample € 400,00
- 2.4 NRA channeling analysis
for each sample € 600,00
- 2.5 AFM analysis
for each sample € 80,00
- 2.6 STM analysis
for each sample € 80,00
- 2.7 Electrical measurements, also in temperature and under light (Hall measurements, layer resistance, C-V, I-V)
for each sample € 80,00

3. DATING TECHNIQUES

- 3.1 Optically Stimulated Luminescence (OSL)
for each sample € 1250.00
- 3.2 Thermoluminescence (TL), for authenticity test
for each sample € 500.00
- 3.3 Thermoluminescence (TL), for dating
for each sample € 1100.00

4. DIAGNOSTICS FOR CONSERVATION AND RESTORATION

- 4.1 Colorimetry
Color specification
for each size € 100.00

Conservation and restoration programs (per step)

2 A4 layout € 500.00

5 A4 layout € 1000.00

4.2 Multispectral Imaging (Vis, IR and UV)

for each A4 layout € 200.00

4.3 Raman spectrometry

for each measurement € 300.00

5. DIGITAL SERVICES

- 5.1 Consultancy for the design and creation of digital services for Open Science, Open Education and Open Innovation -

€ 450,00/day

(VAT excluded rate based on those adopted by the European Commission).

- 5.2 Creation of "digital twins" of cultural heritage as well as state and/or private property through techniques of Augmented and/or Virtual Reality

€ 150,00/day

(VAT excluded rate based on market evidences)

6. PROCESSES AND MODIFICATION OF MATERIALS

- 6.1 Ion implantation with accelerations up to 400 kV, even in temperature

every 4 hours of beam time € 400.00

- 6.2 Deposition of metallic films on areas up to 2 inches

for each sample € 100.00