



**HS Academy**

**THE ROLE OF THE ITALIAN NATIONAL  
ASSOCIATION OF HERITAGE SCIENTISTS:  
*THE STORY OF ANEDbc***

Dafne Cimino in behalf of the Executive Board

Giacomo Fiocco, Valerio Graziani, Rosarosa Manca, Lucilla Pronti, Ludovica Ruggiero, Carlotta Sacco Perasso-president-

# Actually, science interest for Cultural Heritage raised a long time ago:



- Solubility varnishes and binders **tests**
  - Egyptian coffin pigments **analysis**
  - **Suggestion** of wax as protective coating for mural paintings & sculpture **treatments**
- Late XVIII

Raise of quality commission of restoration treatments with chemists in the board

1820s-'30s

Dijon: first scientific lab within a museum

1920

*Heritage scientist*

XXI

ANEDbc

2017

1809

Connection between archival data and material direct analysis

1839

Conference of Italian Scientists: a session for the discussion of consolidation methods

1939

ICR

2005

IA-CS

2019

Italian Professional Register

- P. Bensi, 2010. *Profilo dei rapporti tra chimica e beni culturali in Italia nel XIX secolo*. Rendiconti della Accademia Nazionale delle Scienze detta dei XL Memorie di Scienze Fisiche e Naturali Serie V, Vol. XXXIV, Parte II, Tomo I, 135-144 (DOI 10.4399/978885484598515)
- M. Cardinali, C. Falcucci, 2014. Dalla Conferenza di Roma del 1930 alla Technical Art History: Una storia non italiana. *Scritti in onore di Marisa Dalai Emiliani*, 373-

# ***ANEDbc***

2005: the Italian Association of Conservation Scientist raised

2016: competition for the recruitment of Restoration Officers in the latest public competition of the Ministry of Cultural Heritage and Activities and Tourism-MIBACT. LM-11/12S excluded among the eligibility requirements - conservation scientist born as professional figure in Italy in 1999 (first University course)

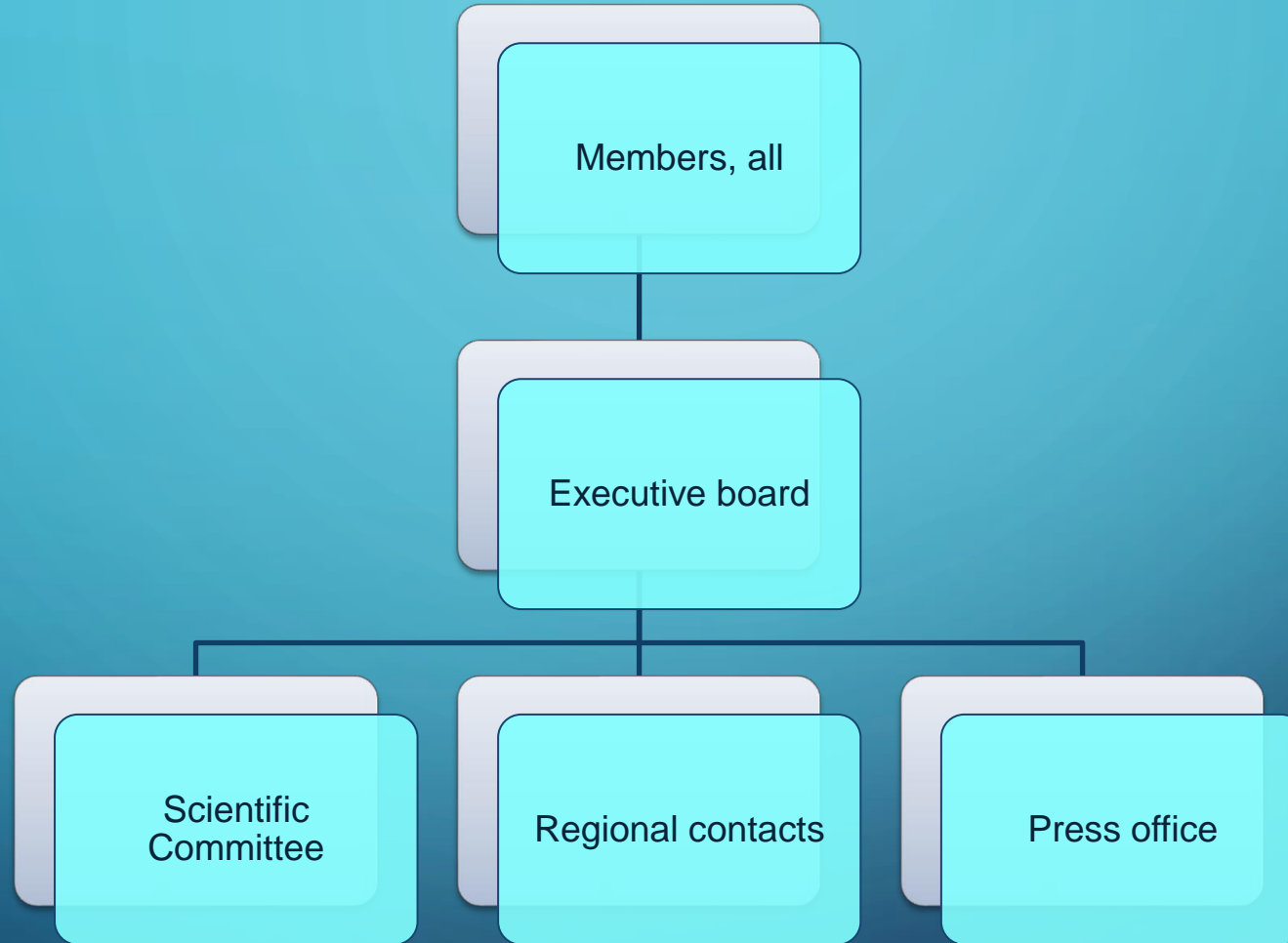
2017: raised as the second national association of heritage scientist, 7 months later it merged with the Italian Association of Conservation Scientist, being this way unique

2022: ANEDbc becomes professional association

2024: toward MISE registration



# *Organisation*



# ***Associated members***

Degree in *Conservation Science for Cultural Heritage* - LM-11 (already 12-S, ex DM 509/1999)

It is possible as well to be members with a different M.Sc. Degree, but

- having a bachelor degree in L-43 (degree in technologies for CH conservation and restauration)

or

- a CV and professional experience (at least 3 yy) in the conservation field consistent with the requirements of the national heritage scientists register to be evaluated by the directive board and/or the scientific committee

Junior members:

- bachelor degree only (L-43)
- M.Sc. Degree different than LM-11, but less than 3 yy experience in the conservation field

# *Association purposes*

professional figure and category counselling

guarantor and referee of professional ethics

development and affirmation of good practices in the field

affirmation and correct framing of the professional figure in the world of work

dissemination

cooperation

education and updating

# *Dialogue and interaction with universities*

ANEDbc is present in some teaching area councils (CAD, Italian acronym) flanking academic scholars of LM-II degree courses -Genoa, Rome, Camerino-

Possibility of being active advisors for the improvement of academic curricula – bridge with the world of work

Possibility of being valuable stakeholder in research projects (e.g. DTC Lazio)

# Professional updating

ANEDbc is a promoter and host of conferences and webinars

Organizzato da  Su iniziativa e promozione di Clementina Dal Pian e Chiara Semenzato



17-18 APRILE 2021

[diagnostibc.org/eventi](https://diagnostibc.org/eventi)

## IL RESTAURO NEL XXI SECOLO

**Tutela, dialogo, passione**

**1ª edizione**  
**Sinergie tecnico-scientifiche per la conservazione dei Beni Culturali**

Vi accompagneremo attraverso momenti di formazione e occasioni di dialogo, con esperti del settore, giovani professionisti e artisti, alla scoperta di una costellazione di possibili collaborazioni professionali, per costruire assieme la tutela del futuro. All'insegna dell'interdisciplinarietà, con il contributo di scienza, tecnologie, arte e conservazione, ampliamo gli orizzonti verso un restauro 2.0!

[eventi@diagnostibc.org](mailto:eventi@diagnostibc.org)

Graphics by Martina Ghiandelli

**PATROCINI**  


**SPONSOR**  

 **L'APERITIVO CON ANEDBC**

### Ciclo di webinar

Gratuiti per i soci e le socie  
30 € annuali per chi non è associato

Un appuntamento mensile per confrontarsi in merito a normative di settore, libera professione, mondo accademico, novità tecnologiche e molto altro...

Per informazioni ed iscrizioni vai sul sito di [diagnostibc.org/eventi](https://diagnostibc.org/eventi) o scrivi una mail a [eventi@diagnostibc.org](mailto:eventi@diagnostibc.org)

**23/02/23 17.30-18.30**  
**Sostenibilità e Diagnostica dei Beni Culturali**  
Relatrice: Chiara Manfredi

**24/05/23 17.30-18.30**  
**Condition report**  
Relatrice: Eleonora Coloretto

**18/05/23 17.00-18.30**  
**Come Fare Impresa - Parte 1**  
Relatori: Giorgio Lonardi, Salvatore Pironti

**25/05/23 17.00-18.30**  
**Come Fare Impresa - Parte 2**  
Relatori: Giorgio Lonardi, Salvatore Pironti

**22/06/23 17.30-18.30**  
**Insegnamento a Scuola: Istruzioni per l'Uso**  
Relatori: Valerio Graziani, Dafne Cimino

**06/07/23 17.30-18.30**  
**L'Esperto Scientifico dei Beni Culturali e la Perizia Giudiziarla**  
Relatrice: Antonella Privitera

**21/09/23 17.00-18.30**  
**Lavoratori e Professionisti in Cooperativa**  
Relatori: Giorgio Lonardi, Salvatore Pironti



## L'APERITIVO CON ANEDbc

Ciclo di webinar tematici

Iscriviti al webinar e preparati a brindare!  
22 Giugno 2023, ore 17.30 - 18.30

### Cosa serve per fare un buon Bloody Mary?

45 ml di vodka	succo di limone
90 ml di succo di pomodoro	sale
poche gocce di Salsa Worcestershire	pepe
poche gocce di Tabasco	ghiaccio





# Professional updating

ANEDbc is a promoter and organiser of conferences and webinars

and

thanks to agreements with other players in the field, ANEDbc members might obtain discounts on further training events (ANA, AIAr, CCR *La Venaria Reale*, CSC Archeologia giudiziaria)



CENTRO PER GLI STUDI  
CRIMINOLOGICI  
GIURIDICI E SOCIOLOGICI

- ✓ Ente di Formazione Accreditato dalla Regione Lazio determina n. G10445C
- ✓ Ente accreditato presso l'Ordine Nazionale dei Giornalisti come Ente Terzo Formatore
- ✓ Ente iscritto all'Anagrafe Nazionale delle Ricerche del Ministero dell'Istruzione, dell'Università e della Ricerca con n. 001374\_ALTR

HOME CHI SIAMO **CORSI** NEWS AREE FORMATIVE



Associazione Nazionale Archeologi - ANA

La convenzione riservata ai Soci regolarmente iscritti all'ANA prevede uno sconto del 15% sulla quota di iscrizione.



Associazione Nazionale degli Esperti di Diagnostica e di Scienze e Tecnologie Applicate ai Beni Culturali - ANED Beni Culturali

La convenzione riservata ai Soci regolarmente iscritti all'ANED Beni Culturali prevede uno sconto del 10% sulla quota di iscrizione.

# ***The heritage scientists as a professor in the school***

Graduated scientists LM-II had the possibility to teach art history in the high school (class of competence-CDC- A054)

ANEDbc pursued a firm request for inclusion in CDC A028 (mathematics and science in the secondary school) which was granted, following an appeal filed in 2019, by the Ministerial Decree of November 20, 2023 (published in the official journal on 16-01-2024 -n.12-)

Next steps: inclusion in

- CDC A050: Natural, chemical and biological sciences in the high school (appeal filed in 2019)
- CDC A032: geology and mineralogy and CDC A034: chemical sciences (high school, already supposed by CUN in 2018)

**FOR A FULL RECOGNITION OF THE DEGREE AS A SCIENTIFIC ACADEMIC  
TITLE**

# Scuola, passi avanti verso insegnamento per laureati Scienza conservazione beni culturali

22 febbraio 2023 | 19.01

Redazione Adnkronos

LETTURA: 3 minuti



**E-news**

Le notizie che contano. Ogni giorno.

ISCRIVITI



Il ministero dell'Istruzione e del Merito prende in esame la proposta di cui si sono fatti portavoce Anedbc, Associazione Nazionale degli esperti di Diagnostica e di Scienze e Tecnologie applicate ai beni culturali, e Confederazione Aepi sulla possibilità di insegnare nelle scuole per i laureati di scienze per la conservazione dei beni culturali. Durante l'incontro con l'onorevole Paola Frassinetti, sottosegretaria al ministero dell'Istruzione e del Merito, la delegazione composta da Carlotta Sacco Perasso, presidente di Anedbc, Valerio Graziani, segretario di Anedbc e il presidente della Confederazione Aepi, Mino Dinoi, si sono fatti decisi passi in avanti e il Ministero si è messo a disposizione per cercare di risolvere questa problematica.

In addition to the appeal, which opened the way, ANEDbc is conducting meetings with the Institutions to directly address the problem



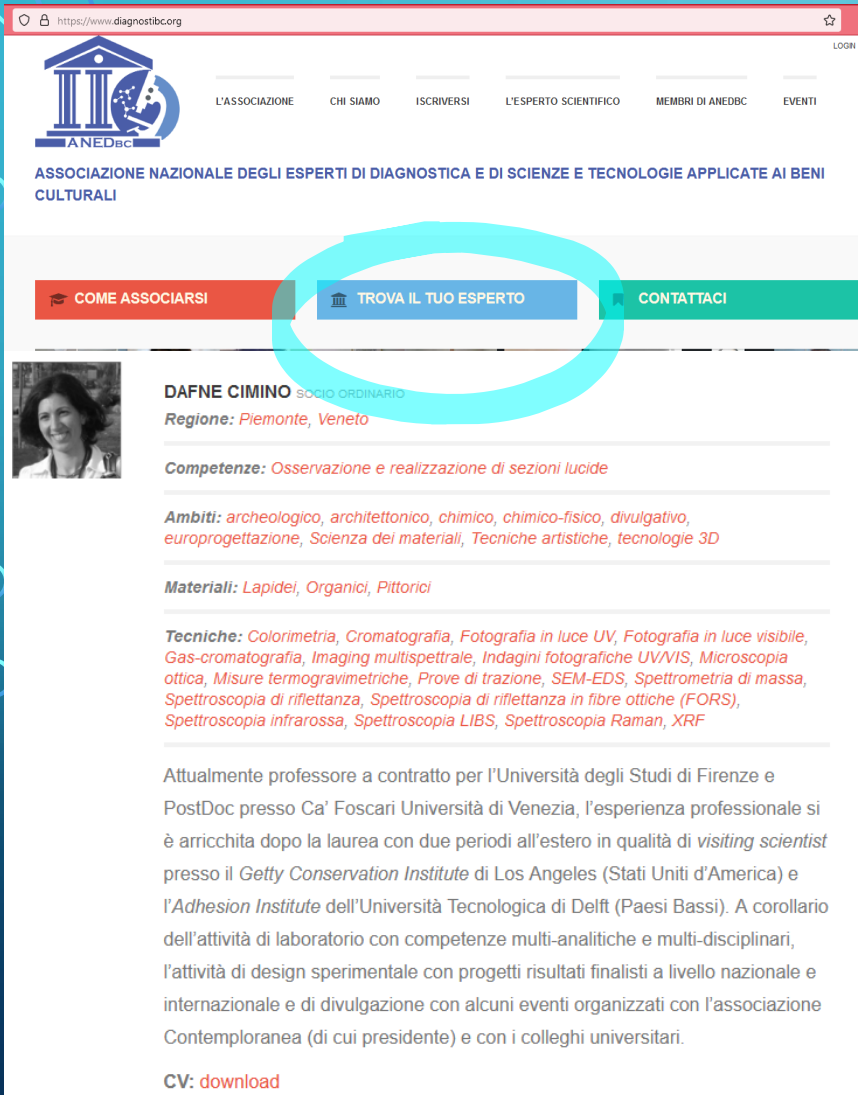
# *Dialogue with demand&supply*

From the database to the interactive map – link between members and clients



# Dialogue with demand&supply

From the database to the interactive map – link between members and clients



The screenshot shows the website for ANEDbc (Associazione Nazionale degli Esperti di Diagnostica e di Scienze e Tecnologie Applicate ai Beni Culturali). The navigation menu includes 'L'ASSOCIAZIONE', 'CHI SIAMO', 'ISCRIVERSI', 'L'ESPERTO SCIENTIFICO', 'MEMBRI DI ANEDBC', and 'EVENTI'. A red circle highlights the 'TROVA IL TUO ESPERTO' button. Below the navigation, a profile for DAFNE CIMINO is displayed. Her profile includes a photo, her name and title (SOCIO ORDINARIO), her regions (Piemonte, Veneto), her competences (Osservazione e realizzazione di sezioni lucide), her fields of expertise (archeologico, architettonico, chimico, chimico-fisico, divulgativo, europrogettazione, Scienza dei materiali, Tecniche artistiche, tecnologie 3D), and her materials (Lapidei, Organici, Pittorici). A list of techniques is provided, including Colorimetria, Cromatografia, Fotografia in luce UV, and various spettrometrie. A paragraph describes her current role as a professor at the University of Florence and a PostDoc at Ca' Foscari University of Venice, along with her international experience and laboratory activities.

[CV: download](#)

# Dialogue with demand&supply

From the database to the interactive map – link between members and clients

The screenshot shows the website profile for Dafne Cimino. At the top, there is a navigation bar with links: L'ASSOCIAZIONE, CHI SIAMO, ISCRIVERSI, L'ESPERTO SCIENTIFICO, MEMBRI DI ANEDbc, and EVENTI. Below this is a secondary navigation bar with buttons: COME ASSOCIARSI, **TROVA IL TUO ESPERTO** (highlighted with a red circle), and CONTATTACI. The profile for Dafne Cimino, a regular member, lists her regions as Piemonte and Veneto. Her competences include observation and realization of thin sections. Her fields of expertise include archaeology, architecture, chemistry, physics, divulgation, europrojecting, materials science, and artistic techniques. Her materials include lapidary, organic, and pictorial. Her techniques include colorimetry, chromatography, UV photography, visible light photography, gas chromatography, multispectral imaging, UV/VIS photography, microscopy, optical measurements, traction tests, SEM-EDS, mass spectrometry, reflectance spectroscopy, fiber optic reflectance spectroscopy (FORS), infrared spectroscopy, LIBS spectroscopy, Raman spectroscopy, and XRF. A paragraph describes her current role as a professor at the University of Florence and a PostDoc at Ca' Foscari University of Venice, along with her international experience. A CV download link is provided at the bottom.

The screenshot shows an interactive map of Italy and surrounding regions, with blue circles indicating the number of members in various areas. A red pin is placed on the map. To the right of the map is a contact form titled "Ti serve una consulenza? Contattaci. Il messaggio verrà condiviso con tutte le socie e i soci di ANEDbc". The form includes fields for Name, Email, and Message, an "Invia" button, and a "Filtri mappa" section with dropdown menus for "Titolo di studio" and "Regione".

# Dialogue with demand&supply

From the database to the interactive map – link between members and clients

<https://www.diagnoibc.org>

ANEDbc ASSOCIAZIONE NAZIONALE DEGLI ESPERTI DI DIAGNOSTICA E DI SCIENZE E TECNOLOGIE APPLICATE AI BENI CULTURALI

COME ASSOCIARSI | **TROVA IL TUO ESPERTO** | CONTATTACI

**DAFNE CIMINO** SOCIO ORDINARIO  
Regione: *Piemonte, Veneto*

**Competenze:** Osservazione e realizzazione di sezioni lucide

**Ambiti:** archeologico, architettonico, chimico, chimico-fisico, divulgativo, europrogettazione, Scienza dei materiali, Tecniche artistiche, tecnologie 3D

**Materiali:** Lapidei, Organici, Pittorici

**Tecniche:** Colorimetria, Cromatografia, Fotografia in luce UV, Fotografia in luce visibile, Gas-cromatografia, Imaging multispettrale, Indagini fotografiche UV/VIS, Microscopia ottica, Misure termogravimetriche, Prove di trazione, SEM-EDS, Spettrometria di massa, Spettroscopia di riflettanza, Spettroscopia di riflettanza in fibre ottiche (FORS), Spettroscopia infrarossa, Spettroscopia LIBS, Spettroscopia Raman, XRF

Attualmente professore a contratto per l'Università degli Studi di Firenze e PostDoc presso Ca' Foscari Università di Venezia, l'esperienza professionale si è arricchita dopo la laurea con due periodi all'estero in qualità di *visiting scientist* presso il *Getty Conservation Institute* di Los Angeles (Stati Uniti d'America) e l'*Adhesion Institute* dell'Università Tecnologica di Delft (Paesi Bassi). A corollario dell'attività di laboratorio con competenze multi-analitiche e multi-disciplinari, l'attività di design sperimentale con progetti risultati finalisti a livello nazionale e internazionale e di divulgazione con alcuni eventi organizzati con l'associazione Contemporanea (di cui presidente) e con i colleghi universitari.

CV: [download](#)

Socie e soci

Switzerland, Slovenia, Italy, Monaco, San Marino, Adriatic Sea, Tyrrhenian Sea

Nome  
Email  
Message  
Invia

Filtri mappa  
Titolo di studio  
Regione

Rosarosana Manca  
Guarda il Profilo

Socie e soci

# *Monitoring of the world of work*

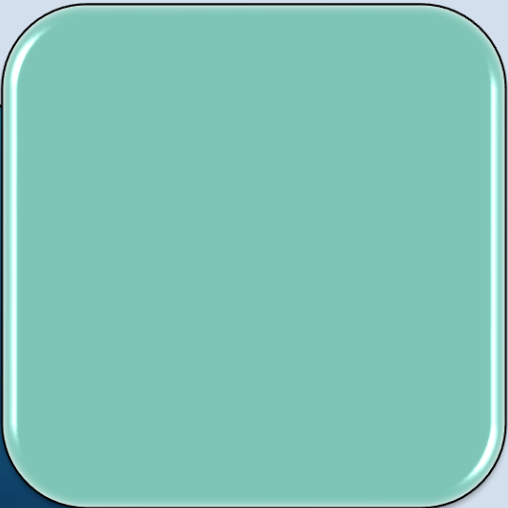
Search and promulgation of competitions and job offers

Verification of the requirements set out in a job offer with the duties of the position



# *Professional state improvement*

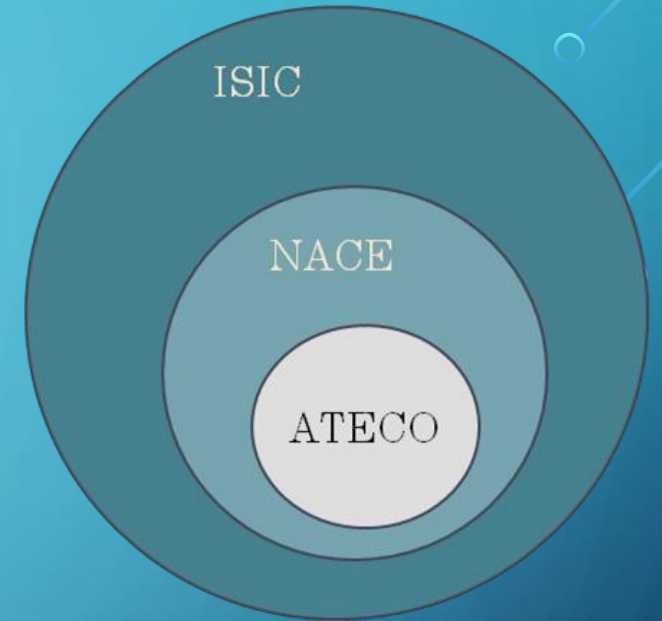
inclusion of LM-11  
among the  
requirements for the  
scientific employee  
profile within the  
ministry of culture



# Professional state improvement

inclusion of LM-11 among the requirements for the scientific employee profile within the ministry of culture

Istat update for the statistics of the economic area, in order to obtain the correct disciplinary and fiscal classification by adjusting the ATECO code in accordance with the European NACE lines



## NACE Rev. 2.1 Code: 91.30

**Heading:** Conservation, restoration and other support activities for cultural heritage

**Includes:** This class includes:  
- conservation and restoration of historical and archaeological assets of all types of materials, whether the assets are movable or stationary

**Includes also:** This class also includes:  
- consulting regarding the conservation and restoration  
- activities necessary for the digitisation of cultural heritage, e.g.:  
• gathering the information and data needed for the creation of virtual replicas

**Excludes:** This class excludes:  
- renovation, renewal, reconstruction and retrofitting of historical and archaeological sites and buildings, see section F  
- architectural activities to support the conservation and restoration of cultural heritage properties, see 71.11  
- conservation science (research and development activities devoted to cultural heritage), see division 72  
- archaeological excavations, see 72.2  
- repair of furniture not considered cultural heritage and non-historical, see 95.24  
- repair of musical instruments not considered cultural heritage and non-historical, see 95.29

## NACE Rev. 2.1 Code: 72

**Heading:** Scientific research and development

**Includes:** This division includes the activities of three types of research and development:

- 1) basic research: experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundations of phenomena and observable facts, without particular application or use in view
- 2) applied research: original investigation undertaken in order to acquire new knowledge, directed primarily towards a specific practical aim or objective and
- 3) experimental development: systematic work, drawing on existing knowledge gained from research and/or practical experience, directed to producing new materials, products and devices, to installing new processes, systems and services, and to improving substantially those already produced or installed.

Research and experimental development activities in this division are not to be regarded as ancillary activities. They are subdivided into the two following categories: natural sciences and engineering; social sciences and the humanities.

**Includes also:** This division also includes:

- developing and producing prototypes with the primary objective to make further improvements, whether or not associated with its production

**Excludes:** This division excludes:

- market research and public opinion polling, see 73.20

ANEDbc addressed ISTAT appeal to the associations representing professionals to formulate proposals for ATECO adaptation to the new NACE and sent its suggestions by the deadline of 31 October 2023

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Amendment proposals to law bill 1739 concerning the register of art court experts (process stopped at legislation level)



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ALES notices

# *Scientific Committee*

Since 2021

It is developing a rate table useful to protect freelancers since many companies often try to take advantage of employment relationships qualified as self-employment or parasubordinate work instead of recognising traditional employee relationships. This document should prevent such inequalities.

Convention for the access to analytical infrastructure:

- UniTo - Chemistry department, biennium 2023-2024; 20% of discount on the department price list
- UniVr, in progress



# Thank you for the attention

Visit our website <https://www.anedbc.it/>  
For more information, please contact [info.anedbc@gmail.com](mailto:info.anedbc@gmail.com)