



CERIF

VILLA FARNESINA LINCEIAN CENTER FOR RESEARCH ON CULTURAL HERITAGE

MISSION: study and research cultural heritage through non-invasive diagnostics, for the understanding, protection, and enhancement of the artistic testimonies of Villa Farnesina and other similar sites.

COLLABORATIONS: the Center has established a network of collaborations with qualified public and private entities. The following institutions have joined the network: **CNR, ENEA, INGV, INFN-CHNet, UNICAM, MET NY, Bruker Italia Srl, CERHER, National Roman Museum, Colosseum Archaeological Park, Palazzo Farnese, Naples National Archaeological Museum.**

MANAGEMENT: a Management Committee of 9 members, appointed by the Presidential Council of the Accademia Nazionale dei Lincei, is responsible for the activities of the Center. The Committee is made up of 5 Lincei members and 4 representatives of the network institutions. The Conservator of Villa Farnesina participates in the Committee meetings.

The acronym of the Center is **CERIF** (Research Centre Villa Farnesina)

APPROVAL

The guidelines of **CERIF** after the approval of the Presidential Council of the Accademia Nazionale dei Lincei were presented and approved during the meeting of the two Classes on 10 December 2021.

By the guidelines, the Presidential Council has appointed the members of the **CERIF** Board of Directors: five Lincei members (Carlo Gasparri, Maria Luisa Meneghetti, Gigetta Regoli, Antonio Sgamellotti, Lucia Tomasi Tongiorgi) and four representatives of the institutions that have joined the collaboration network (INGV - President Carlo Doglioni, INFN-CHNet - Director Francesco Taccetti, Archaeological Park of the Colosseum - Director Alfonsina Russo, University of Camerino - Rector Claudio Pettinari).

In the first meeting of February 1, 2022, the Management Committee unanimously appointed as Director of **CERIF** Antonio Sgamellotti, Linceian.

ONGOING RESEARCH FOR THE YEAR 2022

- "**Atmospheric pollution and biomagnetism of fine dust in Villa Farnesina and the gardens**", in collaboration with **INGV** (Aldo Winkler), with extension to **the Archaeological Park of the Colosseum** (Alfonsina Russo).
- "**Vibration monitoring in Villa Farnesina with seismic methodologies**", in collaboration with **INGV** (Fabrizia Buongiorno).
- "**Digital Loggias: software development**", in collaboration with **UNICAM** (Daniele Rossi, Andrea Polini).
- "**Digital Loggias: acquisition of high resolution images**" of Loggia di Galatea in Villa Farnesina and Loggia Mattei in the Palatine, in collaboration with **INGV** (Massimo Musacchio, Antonio Costanzo).

- **"Villa Farnesina energetical-environmental improvement project"** aimed at certifying sustainable management by the LEED OM protocol of the Green Building Council (GBC), in collaboration with **UniPg** (Franco Cotana) and **GBC** (Franco Mari).
- **"Study of the biogenic component of PM10"** on the walls of Villa Farnesina, in collaboration with **CNR-IRET** (Chiara Anselmi, Paola Pollegioni, Claudia Mattioni).
- **"Non-invasive diagnostic investigations on the frescoes of the Sala delle Prospettive in Villa Farnesina"**, in collaboration with **CNR-IRET** (Chiara Anselmi), with **INGV** (Massimo Musacchio) and with the **Diagnostic Laboratory of Spoleto** (Manuela Vagnini, Michela Azzarelli).
- **5th October 2022 International Workshop "BLUENET2022"**, to program the activities of the "Egyptian blue Network BLUENET", in collaboration with the **Archaeological Park of the Colosseum** (Alfonsina Russo).
- **"Establishment of a mobile laboratory -BLUELAB Lincei-INGV"** for the identification of the Egyptian blue, in collaboration with **INGV** (Massimo Musacchio).
- **"Luster ceramics in the Mediterranean (X-XVI): alchemical nanotechnologies in the Mediterranean"**, in collaboration with **UniPg** (Bruno Brunetti) and **ENEA** (Claudio Seccaroni) in the project "Le Vie del Mediterraneo - MedWays) by Mosè Ricci, seconded professor at the Linceian Interdisciplinary Center.

EXHIBITIONS 2022-2023

On the occasion of the presentation of the Proceedings of the Conference held on November 9th, 2021, entitled **"Villa Farnesina. An example of resilience and enhancement from Rome to the present days"** and following the completion of the restoration work on the Loggia di Galatea, an exhibition will be held in Villa Farnesina entitled **"Salvador Bermúdez de Castro, Duke of Ripalta and Giuseppe Primoli. Protagonists of the Rome New Capital of Italy"** (edited by Virginia Lapenta and Valeria Petitto).

CONFERENCES PLANNED IN 2023

April 5, 2023 Workshop **"Biosciences in Cultural Heritage"**, in collaboration with **ENEA** (Chiara Alisi, Claudio Seccaroni).

October 26-27, 2023 International Symposium **"Perugino and the Young Raphael: recent diagnostic and historical studies"**.

GUIDELINES OF THE VILLA FARNESINA LINCEIAN CENTER FOR RESEARCH ON CULTURAL HERITAGE (CERIF)

Art. 1 (Mission)

By these guidelines, the Linceian Center for research on cultural heritage and specific research on diagnostics and resilience of the artistic testimonies of Villa Farnesina is established at the Accademia Nazionale dei Lincei.

The Center promotes research projects according to the modalities of art. 5.

For these purposes it collaborates with national and international scientific institutions and private operating entities, also on a non-exclusive basis, in the cultural heritage sector, to deepen the state of the art and the future perspectives of research on the conservation and resilience of Villa Farnesina and other similar sites.

The Center organizes conferences, exhibitions, seminars, and workshops, both national and international, also in collaboration with Italian and foreign public and private institutions and bodies.

Art. 2. (Collaborations with external partners)

The Center takes care of the establishment of a network of collaborative relationships with qualified public entities and private individuals based on sustainability, innovation, and participation, also according to models of public-private partnership.

The Center is the subject delegated to the care and execution of the collaboration agreements with the entities and subjects listed in Annex "A".

The further collaborations promoted by the Center, governed by conventions and/or letters of intent, without charges for the Accademia Nazionale dei Lincei, may include participation in European, international, national, and regional tenders and funding, relating to the issues referred to in art. 1.

All agreements, conventions, or letters of intent are stipulated by the bodies of the Academy according to the Statute and the guidelines in force. The Center is financed through projects and contributions.

Art. 3. (Management)

A Management Committee made up of nine members is responsible for the activities of the Center; all nine are appointed by the Presidential Council.

Of these, five are appointed from among the Linceian Members and four, including non-Linceian Members, are appointed by the Presidential Council on the recommendation of the Linceian Members already designated, choosing them from the representatives of the

institutions listed in Annex "A" and subsequent additions, taking into account of research projects and activities to be developed or already in progress.

The Conservator of Villa Farnesina also participates in the Steering Committee.

The appointed Linceian Members remain in charge for a four-year term and can be renewed immediately only once.

The four members of the entities and affiliated entities remain in office for two years, they can be renewed for a subsequent two-year period or replaced, in whole or in part, in the following two years with other representatives listed in Annex "A".

Art. 4. (Operational mode)

In the first session convened by the oldest Linceian Member, the Committee elects the Director of the Center choosing him from among the Linceian Members who are members of the Committee itself, who plays the role of scientific coordinator of the activities of the Center.

The Management Committee meets, in person or electronically, at least twice during the course of the academic year (at the beginning and the end of the academic year) upon convocation of the Director, to whom it is up the formulation of the agenda.

At the beginning of each meeting a secretary is appointed (possibly invited for the purpose) who will have the task of drawing up the minutes of the meeting which will be sent by the Director of the Center, no later than seven days later, to the President of the Academy, to the Presidential Council, to each member of the Management Committee, to the Presidents of the "Villa Farnesina" and "Cultural Heritage" Commissions, to the Chancellor, to the Director of the administrative offices of the Academy.

The Committee may invite external experts and representatives of entities and institutions who can make a significant contribution to its meetings, without the right to vote.

Art. 5. (Research projects and activities)

The proposals for research projects and other initiatives are presented by the Director of the Center, by the Lincei Members, and by the Curator of Villa Farnesina, and are subject to evaluation by the Steering Committee at the meeting held at the beginning of the academic year.

Before the end of the single academic year, the Committee prepares a scientific report on the activity carried out by the Center during the corresponding period, to be submitted to the examination of the Presidential Council of the Academy and subsequently to the approval of the two Classes.

At the end of the four years, the Committee also prepares the final and programmatic report on the activities of the Center.

The results of research projects can be published in the Academy series by the Academy's publishing house or in national and international scientific journals.

Art. 6 (Headquarters)

The headquarters of the research Center is located in Villa Farnesina.

The acronym of the research center is CERIF (Villa Farnesina Research Center)

ANNEX "A"

Public institutions that have expressed their willingness to contribute to the activities of the Center, offering professional-scientific support and with which the Center is authorized to conclude collaboration agreements, are:

- **CNR** (framework agreement, with a letter of intent from the CNR-IRET Institute of Porano (TR);
- **ENEA** (bilateral agreement);
- **INGV** (bilateral agreement);
- **INFN** (letter of intent from INFN-CHNet);
- **University of Camerino** (bilateral agreement).

** The public and private institutions that have given their availability, through letters of intent, to collaborate in the activities of the Center and with which the Center is authorized to conclude agreements of collaboration, are:

- The **Metropolitan Museum of Art**, New York. Through its Scientific Research Department, it puts its highly specialized skills in diagnostics available for the Centre's activities, conservation and resilience of cultural heritage in a museum environment (letter of intent);
- The **Bruker Italia Srl** company. Leading company in the development of highly analytical technologies performance and diagnostics for cultural heritage provides consolidated, innovative technologies and in the development of diagnostic investigations tools relating to the activities of the Center (letter of intent);
- The **CERHER** (CEnter for Resilience on cultural HERitage) "no-profit" Research Association-Center. **CERHER**, promoted on the initiative of the Lincei members A. Sgamellotti and G. Seminara, in collaboration with C. Pettinari (Rector of the University of Camerino), E. Brugnoli (Scientific Attaché at the Embassy of Italy in Moscow), Prof F. Cotana (UniPg), Prof. G. Federici (UniFi) and Prof. B.G. Brunetti (INSTM-UniPg), is responsible for promoting and developing the resilience of cultural heritage to natural disasters and intends to make these skills available for the activities of the Center (letter of intent);
- **National Roman Museum** (framework agreement);

- **Archaeological Park of the Colosseum** (framework agreement);
- **Palazzo Farnese**, currently the seat of the French Embassy (framework agreement with the École Française);
- **National Archaeological Museum of Naples** (framework agreement, to be defined).