

National Center for Research and Preservation of Cultural Properties



I. Introduction of the NCRPCP

The National Center for Research and Preservation of Cultural Properties is a national institution directly supervised by the Council for Cultural Affairs (under the Executive Yuan of the Republic of China). The Center is dedicated to study of specialized technology and the resolution of concrete problems. It transmits the results of its research to historic site and other cultural artifact administrative offices, responding to the inquiries of planning bodies and supporting cultural heritage-related projects. The center also participates in exchange efforts and technological cooperation with domestic and overseas cultural heritage organizations and experts, so as to cultivate people with expertise in the protection and preservation of cultural heritage, promote public awareness of the importance of cultural heritage preservation, and implement the Cultural Heritage Protection Law.

The Center is a specialized organization dedicated to the protection and preservation of historical sites, traditional architecture, and cultural relics. Focusing on domestic sites with the greatest need for protection and restoration, the Center engages in research and technology development programs of short, medium, and long-term duration that make extensive use of its laboratory and restoration facilities. These projects are supplemented with publications, lectures, exhibitions, and other promotional activities. The Center serves cultural organizations, the academic community, professionals, and society at large by providing technical assistance to and advice concerning the protection and restoration of historic sites, traditional architecture, and cultural relics.



Through cooperative projects with overseas countries, the Center enables access to the latest concepts and technologies. These programs also comply with the government's cultural exchange policy, which calls for the elevation of Taiwan's visibility and expansion of its international perspective through active participation in International cultural heritage organizations and projects.

The Center is an organization of conservation professionals, with a view to the preserving, restoring, and studying of historic artifacts and cultural properties. Its staff will consist of from 38 to 55 members, including the Director, the Directorial Secretary, researchers, conservation scientists, conservation technicians, conservators, and an administrative body.

The major responsibilities of the Center include the following:

- A. Implementation of laws pertaining to the preservation of cultural heritage;
- B. Research on the skills and technologies for the restoration of relics,
- C. setting up of database on cultural heritage;
- D. Transmission of information and technology on the preservation of cultural properties;
- E. Promotion of international cooperation and joint research on the preservation of cultural assets;
- F. Sponsoring of activities to raise public awareness on the importance of preserving cultural heritage.

II. Introduction of the Research Division

A. Mission

After the modification version of the Cultural Heritage Preservation Law was passed, tasks about archaeological sites and artifacts, which was originally handled by the Ministry of the Interior and the Ministry of Education, is now handed over to the Council of Cultural Affairs. Therefore the Research Division of the NCRPCP will be in charge of related tasks as well as assisting local competent authorities, such as the

county and city governments, to promote related tasks together.

The Research Division will correspond with the Council of Cultural Affairs to work together with local governments to handle archaeological sites and artifacts related tasks, including archaeological discovery, museum collections and private collections. The prime tasks of the Division are as followed:

1. Drawing up related laws and decrees:



The Research Division will complete related regulations about artifacts appointing and classification as well as supervision of artifacts reproduction according to the Cultural Heritage Preservation Law. The Division will convene seminar to promote the new Cultural Heritage Preservation Law so that related personnel can comprehend their rights and obligations and related executive staffs can have better understanding of the new Cultural Heritage Preservation Law and its subsidiary legislation.

2. Founding Deliberative Committee of Cultural Properties:

By referencing Standard for Deliberative Committee of Cultural Properties of the Council of Cultural Affairs, the Division will formulate founding rules for the organization of the Deliberative Committee of Cultural Properties. There will be the first type (archaeology sites) and the second type (artifacts) deliberative committees to perform different kinds of cultural properties examinations. We will also ask the local governments to assist founding the committees. The NCRPCP will set up a database of artifacts and archaeology sites specialists to offer local authorities resources when handing related deliberation and examination of preservation of cultural properties.

The missions of the Deliberative Committee of Cultural Properties (hereafter as the DCCP) are as followed:

- a. Deliberation and consulting to appoint different kinds of cultural properties, such as appointing national archaeology sites and national treasures.



- b. Deliberation and consulting registration for different kinds of cultural properties
 - c. Deliberation and consulting important issues of the Cultural Heritage Preservation Law, such as the deliberation of giving permits to underwater and land archaeology excavation, deliberation of artifacts transporting to foreign countries, deliberation of conservation projects, and etc.
3. Conducting reappointing, registration, and announcing related cultural properties:
- a. The Division will process the examination of the categories of cultural properties (artifacts and archaeology sites), its detail information, and further studies. (Because the general investigation and classification appointing were not done with artifacts for the past years, especially when the evaluation of age and value is very professional and easy to cause dispute, we have to study proper supporting measures for this. We plan to start with artifacts from public collections, historical buildings, archaeology sites of public institutes. When private collectors have the need to examine their cultural properties, they have to explain their purpose of applying their artifacts to be important artifacts or national treasures, and then they need to apply to the local government according to proper process. The local government will hold Deliberative Committee of Cultural Properties meeting to conduct appointing registration and public announcement. Then they will report the national treasures to the central authority to conduct evaluation and appointing registration according to the deliberation result. At last, the Council of Cultural Affairs or the NCRPCP will make public announcement.)
 - b. Convening meeting of Deliberative Committee of Cultural Properties to conduct reappointing, registration, and announcing related cultural properties. (Since Taiwan is a multicultural society,

and the artifacts are portable cultural properties, the classification appointing and protection management are difficult.)

4. Processing general investigation of cultural properties, making list and, documenting complete information for each case.

The Division will also submit budget, allotting tasks, collecting data, establishing informing as well as supervising system, and professional training.

In order to assist each local authority to perform necessary conservation measures, the NCRPCP will offer consulting services of conservation skills as well as holding seminars for training professionals. We will also offer information about scientific technologies of managing, restoration, and exhibiting archaeology site and artifacts to related institutes.

B. Facilities and Equipment

Space for preservative and research work: research rooms, laboratories, repairs rooms, photo studios, stock rooms for the personnel working on the preservation and repairs of ancient relics and cultural artifacts.



1. Sliding microtome
2. Microscope, LEICA DM-RX
3. SEM, Scanning Electron Microscope Tescan TS-5136 XM and EDX
4. XRF, Portable X-Ray Fluorescence Spectroscopy
5. Infrared Camera
6. Drop Shape Analysis System

7. Fourier Transform Infrared Spectrometer , FT-IR and digilab FST-3000 and microscope UMA600
8. Humidity Temperature Data Logger
9. Hygrothermgraph
10. Portable Spectorphoto meter, Minolta cd-2600
11. Wood moisture tester
12. Brightness tester
13. PH Meter
14. UV Meter
15. video microscope Finescope FS-180
16. UV Carbon Fade Meter
17. Conservation Cleaning Machine
18. PEL Suction Table
19. Hand Operated Guillotine
20. Hardbed Press
21. Luxo Lighted Magnifier
22. Fiber Optic Light Sheet
23. Fiber Optic Illuminators
24. Ultrasonic Welder
25. Temperature-Conservation Spatula System
26. Crimping machine for boxboard, paper cutter,ruler
27. Drying Rack
28. Suction Tables
29. Kuramata Sprayer
30. Pocket Micrometer
31. Hazard Vacuum With HEPA Filter
32. Paste Cooker
33. flat iron
34. Magnification Microscope, NIKON SMZ1000
35. Stereo Microscope, OPMI pico
36. Bone Folder
37. Double Coated Transparent Tape 3M#415 and Mounting Hinging Tissue
38. Cotton Book Tape and Binder's Thread

C. Achievement

1. Research Project
 - a. Research and Investigation Project of Lacquerware

Conservation, 2005

- b. Survey Project of the conservation of glue-color artifacts--take the fifty glue-color artifacts from the National Taiwan History Museum for Example



- c. Conservation science investigative project for two important collections of the Taiwan Museum-The painting of Cheng-Gong and the flag of the Formosan Republic



- d. Restoration of Polychrome paintings of the Xin-Ji Temple



- e. Wooden fiber objects illustrated conservation dictionary



- f. A Study of Illustrated Conservation Dictionary: Textile & Costume and Paper

- g. Restoration of stone objects.



2. Seminar and Workshop

a. Wall Painting Conservation Program



b. Restoration Class of Wooden and Paper-Based Cultural Objects

c. Workshop on Conservation of Architectural Colored Paintings

d. Symposium on the Conservation of Clay Sculptures with Colored Drawings

e. Workshop on Cleaning and Consolidation of Stone Artifacts

f. Textile and Paper Illustrated Conservation Dictionary Workshop



3. International Symposium

a. International Museum Day Museums bridging cultures Conservation of Cultural Properties

b. International Symposium on Cultural Property Conservation and Tourism

c. International Symposium on the Conservation of Cultural Properties-Pan-Pacific Area Management Institution

d. International Symposium for Conservation of Paper and Textiles 2004



4. Publication

- a. International Historical Reservation and Conservation of Ancient Monument :Charters, Declarations, Resolutions, Recommendations
- b. International Symposium on the Conservation of Cultural Properties-Pan-Pacific Area Management Institution
- c. The almanac of Taiwan cultural properties conservation 2001
- d. The almanac of Taiwan cultural properties conservation 2002
- e. The almanac of Taiwan cultural properties conservation 2003
- f. The almanac of Taiwan cultural properties conservation 2004

D. Staff

1. Li, Lee-fang: Head of Research Division
Master of Art, major in History
Expertise: Museology, Museum Interpretation and Communication, Exhibition, Publication, Collections Management, Preventive Conservation, and Museum Data Management, Restoration of Polychrome paintings
2. Cheng, Ming-Shui: Senior Technician
Expertise : Chemical analysis, Conservation science, Restoration of stone.
3. Fan, Shen-Shun: Senior Technician
Expertise: Research on the preservation of ancient relics
4. Tsai, Yu-Lin: Technician
Expertise: Wood identification, wood amelioration.
5. Lin, Yan-Liang:: Conservator
Expertise: Glue-Color Painting Conservation
6. Lu, Xiao-Hsuan: Contract Employee Research Assistant
Expertise: Museum Education, Library and Information Science
7. Liu, Ling Chung: Research Assistant
Expertise: Lacquerware Conservation, Artwork base-material study
8. Fu, Chung-Hui: Research Assistant

Expertise: Law-making, Administrative work

9. Zhou, Zhi Ming: Research Assistant

Expertise: Conservation Science

10. Lei, Zu-Kang: Research Assistant

Expertise: Preventive conservation, Museum Exhibition, Lacquer
ware Conservation

III. International Cooperation



Résumé

Li, Lee-fang

Chief of Research Division

National Center for Research and Preservation of Cultural Properties

Female

Age: 41(1964/08/21)

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EDUCATION

1991-1995 National Taiwan Normal University

Master of Art, major in History

1982-1986 National Chengchi University

Bachelor of Art, major in History

PROFESSIONAL TRAINING

China

1999/1 (two weeks)

Visiting : Conservation institutes & Museums

U.S.A.

2000/6-2000/12

Topic Research & Six Month Internship : Museum of Texas Tech University, Lubbock Texas U.S.A.

Auditing : Museum Science Program Courses

Study Trips & Visiting in U.S.A. & Mexico : visiting different conservation centers & museums

Internship :

1.the Museum of Texas Tech University : the preservation of artifacts from archaeological sites and collections of museums

2.the Hoblitzelle Conservation Lab : treatment of paper artifacts

Japan

2002/7 (two weeks) : Paper presentation, visiting and internship in conservation institutes (paper, painting and polychrome painting conservation)

2002/11(two weeks) : Paper presentation, visiting and internship in conservation institutes (polychrome painting conservation)

2003/11(5 days) : Paper presentation & visiting conservation institutes

2004/4 (5 days) : Visiting conservation institutes

RESEARCH PAPERS (2002-2004)

- 2002 Paper presented at the Research of Polychrome Painting Preservation in Taiwan's Temples—Characteristics of Hsing Chi Temple Polychrome and Exploration of Restoration Principles,” Paper from *Polychrome Restoration in Japan's and Taiwan's Temples and Shrines*. Gangoji Institute for Research of Cultural Property, Nara, Japan.
- 2002 “*Preservation and Restoration of Taiwanese Architectural Polychrome—Tainan City Third Class Historical Monument Hsing Chi Temple*,” Paper published in *Seminar on Architectural Preservation and Restoration*. NCRPCP, Tainan.
- 2002 “Architectural Polychrome Reparation and Settlement Preservation,” *Traditional Settlement Preservation and Architecture Reparation Seminar*. National Park Headquarter, Kinmen.
- 2002 “*The Current Situation and the Development of Taiwan's Paper Artifact Preservation*”, *Proposal for Paper Conservation Using Paper*. Su Ho Memorial Paper Culture Foundation, Taipei.
- 2002 *Foundation for the Preservation of Cultural Properties Grant Proposal*. NCRPCP, Tainan.
- 2002 *Department of Economics 2002 Taiwan-Japanese Technical Cooperation Project, Japanese Experts' Exchange Report, Topic: Research on Polychrome Preservation and Restoration*. NCRPCP, Tainan.
- 2002 *Department of Economics 2002 Taiwan-Japanese Technical Cooperation Project Researcher Observation Report*. NCRPCP, Tainan.
- 2003 *Study of Hsing Chi Temple Polychrome Restoration*. NCRPCP, Tainan.
- 2004 “*Conservation science investigative project for two important collections of the Taiwan Museum-The painting of Jeng Cherng-Gong and the flag of the Formosan Republic*” .NCRPCP, Tainan.

WORK EXPERIENCE

19 years professional experience : Museologe, Museum Interpretation and Communication, Exhibition, Publication, Collections Management, Preventive Conservation, and Museum Data Management.

1986-1992 National Museum of History

Curator of Collections Division

Curator of Research Division

1992-1997 Academia Sinica

Director of Museum of Institute of Ethnology

1997- National Center for Research and Preservation of Cultural Properties

Chief of Research Division

GRANTS

2002/7/14--2002/7/27 Foundation for the Preservation of Cultural Properties, Japan

Received grant to attend Polychrome and Paper Artifact Conservation Workshop

2002/10/7-2002/10/20 Ministry of Economics

Received grant for 2002 Taiwanese-Japanese Technical Exchange for Polychrome Painting Conservation Workshop

LANGUAGES

- Taiwanese, Chinese: mother tongues

- English



The aim of this trip for me is to discover these organizations in France and meet the persons in charge and see whether they would be interested in developing activities with NCRPCP, including welcoming Taiwanese trainees, sending French trainees or experts to Taiwan, etc.

I wish this trip could be an opportunity to build for the future.



