

Program

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1st day June 18, 2022

- 9:00 ~ Open
- 9:45 ~ 9:50 Opening Remarks by Congress Chair
- 9:50 ~ 10:00 Opening Remarks by Congress Super Advisor

Session I

The chairman: NAKAMURA Rikiya (Office of the Shosoin treasure house, Imperial household agency),
HAYAKAWA Noriko (Tokyo National Research Institute for Cultural Properties)

- 10:00 ~ 10:20 **Stabilization of paper materials damaged by typhoon in Kawasaki City Museum and its effect**
© ONO Shinnosuke (Toyo Institute of Art and Design),
HAMADA Kiyomi (Toyo Institute of Art and Design),
NISHI Maiko (Toyo Institute of Art and Design),
NIIMI Takuma (Kawasaki City Museum),
SATO Yoshiko (Kawasaki City Museum),
MATSUDA Yasunori (Toyo Institute of Art and Design)
- 10:20 ~ 10:40 **Optimizing the fine cellulose fiber coating technique of naturally-degraded acidic mechanical papers by a prototype model**
© OKAYAMA Takayuki (Tokyo University of Agriculture and Technology),
SOGA Momoka (Tokyo University of Agriculture and Technology),
KOSE Ryota (Tokyo University of Agriculture and Technology),
SEKI Masazumi (Kochi Prefectural Paper Technology Center),
SONADA Naoko (National Museum of Ethnology)
- 10:40 ~ 11:00 **Reproduction of mica-coated folding screens in the Middle Ages
--- Research on large screen production techniques using starch paste ground ---**
© BANNO Tomohiro (Aichi University of the Arts, Institute for Conservation of Cultural Property),
IWANAGA Terumi (Aichi University of the Arts, Institute for Conservation of Cultural Property),
NAKAGAMI Keiko (Aichi University of the Arts, Institute for Conservation of Cultural Property),
YASUI Ayako (Aichi University of the Arts, Institute for Conservation of Cultural Property)
- 11:00 ~ 11:10 **A 10-minute break**

Session II

The chairman: ONISHI Tomohiro (LLC Onishi lacquer art restoration studio),
MABUCHI Hajime (National Center for the Promotion of Cultural Properties, National
Institutes for Cultural Heritage)

11:10 ~ 11:30 An outline of the preservation work carried out to "Oobotoke (the large Buddha)" in the Hirado Gensoji temple in Kumagaya City, Saitama Prefecture.

© MAKINO Takao (KIBI CONSERVATION STUDIO),
SATO Takehiko (KIBI CONSERVATION STUDIO),
NISHIMAKI Ayako (KIBI CONSERVATION STUDIO),
WATANABE Shingo (TOHOKU KOTEN TYOKOKU RESERCH CENTER),
ISHII Tomoya (TOHOKU KOTEN TYOKOKU RESERCH CENTER),
SUZUKI Singo (IWASHIRO TYOKOKU SHYURISYO), FUJII Tosie (GENSOJI GOJIKAI),
YAMASITA Yuuki (KUMAGAYA-city Konan-Bunkazai Center),
KIJIMA Kazuya (GENSOJI Hondo Hozon Shyuri Iinkai)

11:30 ~ 11:50 Conservation and Restoration Projects as a Part of the story
--- Based on the First aid at the site of the wooden statue of Great Buddha head, Heisen-ji temple

© WATANABE Shingo (TOUKOKEN Co. Ltd., Restoration Studio of Classical Sculpture),
MAKINO Takao (TOUKOKEN Co. Ltd., Restoration Studio of Classical Sculpture),
ISHII Tomoya (TOUKOKEN Co. Ltd., Restoration Studio of Classical Sculpture),
SUZUKI Shingo (Iwashiro conservation studio of classical sculpture),
SASAKA Naomi (TOHOKU UNIVERSITY OF ART & DESIGN),
OHYAMA Motonari (Botanical Gardens, Tohoku University), NANBA Ryoujun (Heisen-Ji Temple)

11:50 ~ 12:10 Problems in conservation for cultural properties associated with closing the hall:
A Case Study of Nitta Namiwake Jizo-do Hall in Sagae City, Yamagata Prefecture

© MIYAMOTO Akira (Management of Cultural Property Co., Ltd),
ABE Maiko (Management of Cultural Property Co., Ltd),
NAKAGAWA Yoshihiro (NIKON CORPORATION),
MISE Natsunosuke (Tohoku University of Art and Design)

12:10 ~ 13:30 Lunch break

13:30 ~ 14:10 Poster session / Registration reception number: Odd

14:10 ~ 14:50 Poster session / Registration reception number: Even

14:50 ~ 15:00 A 10-minute break

Session III

The chairman: HIDAKA Shingo (National Museum of Ethnology),
Karino Kayoko (DOKKYO UNIVERSITY)

15:00 ~ 15:20 A Study on Cloisonne and Enamel Works, survey of historical documents
and scientific analysis of glazes

© MUTO Yukari (Research Center for Japanese Garden Art & Historical Heritage, Kyoto University of the Arts)

- 15:20 ~15:40 **An experimental study on the estimation of ammonia gas emissions from concrete by characterization of the properties of its constituent materials**
 ◎ TANAKA Isao (Shimizu Corporation), TOMITA Kengo (Shimizu Corporation),
 YANO Keiichi (Shimizu Corporation), FUJITA Tomoharu (Shimizu Corporation),
 KURIHARA Takashi (Shimizu Corporation)
- 15:40 ~16:00 **Study on the Causes and Countermeasures of Vibration Generated in the Transportation of Cultural Properties in Facilities by Using Hand Lift**
 ◎ WADA Hiroshi (Tokyo National Museum), TANIGUCHI Kosei (Nara National Museum),
 KITAZAWA Natsuki (Nara National Museum),
 HAYAKAWA Yasuhiro (Tokyo National Research Institute for Cultural Properties),
 TATEISHI Toru (Tokyo National Research Institute for Cultural Properties),
 KOUZUMA Yousei (Nara National Research Institute for Cultural Properties)
- 16:00 ~16:10 **A 10-minute break**

Session IV

The chairman: WADA Hiroshi (Tokyo National Museum),
 AKIYAMA Junko (Tokyo National Research Institute for Cultural Properties)

- 16:10 ~16:30 **Scientific analysis of the colorants with suo hue used in Shosoin treasures**
 ◎ TSURU Mami (Office of the Shosoin Treasure House),
 NAKAMURA Rikiya (Office of the Shosoin Treasure House)
- 16:30 ~16:50 **Examination of molecular biological methods to identify bamboo wood boring beetle from frass by PCR amplification**
 ◎ KOMINE Yukio (Cultural Heritage Disaster Risk Management Center, Japan),
 SHINOZAKI (YABANA) Satoko (Japan Science and Technology Agency),
 SHIMADA Megumi (Independent Administrative Institution National Institutes for Cultural Heritage Tokyo National Research Institute for Cultural Properties),
 SATO Yoshinori (Independent Administrative Institution National Institutes for Cultural Heritage Tokyo National Research Institute for Cultural Properties)
- 16:50 ~17:10 **Improvement of nondestructive identification method for mother oyster of pearls: differentiation between pearls from freshwater and those from seawater**
 ◎ TAZAWA Sayaka (Pearl Science Laboratory), YAZAKI Junko (Pearl Science Laboratory),
 MATSUDA Yasunori (Pearl Science Laboratory)

2nd day June 19, 2022

9:00 ~ Open

Session V

The chairman: AIZAWA Kunihiro (21st Century Museum of Contemporary Art, Kanazawa),
ARAI Kei (Graduate School of Fine Arts, Tokyo University of the Arts)

9:20 ~ 9:40 **Green Alteration of Azurite in Wall Paintings:
Investigation on the Effects of Light and Humidity**

© OSAKO Mizuki (Tokyo University of the Arts, Graduate School of Fine Arts),
TSUKADA Masahiko (Tokyo University of the Arts, Graduate School of Fine Arts),
SHINMEN Toshiyasu (Tokyo Gakugei University)

9:40 ~ 10:00 **Scientific Examination and Conservation of a Reproduction of Jean-Francois Millets "The Gleaners" by WADA Eisaku, University Art Museum, Tokyo University of Arts**

--- Study on WADA Eisaku's Reproductions during Meiji Period and Background of Studies of Painti

© TAKADA Shotaro (Conservation Course Oil Painting Laboratory Graduate Department of Conservation Graduate School of Fine Arts, Tokyo University of the Arts.),
TSUTIIYA Yuko (Conservation Course Oil Painting Laboratory Graduate Department of Conservation Graduate School of Fine Arts, Tokyo University of the Arts.)

10:00 ~ 10:20 **Application of mounting information to art historical research:
examining the date of production and use of the de Rotz woodblock prints**

© SUGIYAMA Keisuke (Tohoku University of Art and Design),
UCHIJIMA Namiko (Oura Church Christian Museum)

10:20 ~ 10:30 **A 10-minute break**

10:30 ~ 12:00 **General meeting**

12:00 ~ 13:00 **Lunch break**

13:00 ~ 13:40 **Poster session / Registration reception number: Even**

13:40 ~ 14:20 **Poster session / Registration reception number: Odd**

14:20 ~ 14:30 **A 10-minute break**

Session VI

The chairman: KATO Kazutoshi (Kyushu Historical Museum),
SATO Yoshinori (Tokyo National Research Institute for Cultural Properties)

14:30 ~ 14:50 **Deterioration and conservation of the Stela attached to the Gion Bridge, Amakusa City**

© KUCHITSU Nobuaki (Tokyo National Research Institute for Cultural Properties),
SHIRAUSHI Sayaka (Tokyo National Research Institute for Cultural Properties)

14:50 ~ 15:10 **Study of substitute building stones in Kumamoto**

© IKEDA Tomoo (KUMAMOTO, prefecture)

15:10 ~ 15:15 **Closing Remarks by Congress Vice-Chair**

Poster session

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1st day **June 18, 2022**

- ◆ P001 Conservation and colorant analysis for three "Fighting Cock" paintings Stored at Okinawa Churashima Foundation
© SASAKI Yoshiko (Kyoto Saga University of Arts), KOHKI Atsushi (Okinawa Churashima Foundation), ASATO Shigeya (Okinawa Churashima Foundation), TSURUTA Ooki (Okinawa Churashima Foundation), SEKICHI Hisaji (Bokusendo Co., Ltd), YAGI Koichiro (Bokusendo Co., Ltd), NAKA Masaaki (Kyoto Saga University of Arts), SASAKI Ken (Kyoto Institute of Technology)
- ◆ P002 The role of multi layers of lining paper for Rokusyo-Yake (malachite burning) in Japanese paper artifacts
© KIDA Keiko (Tokyo University of the Arts), KASHIWAYA Akemi (Japan Art Institute), INABA Masamitsu (Tokyo National Research Institute for Cultural Properties), HAYAKAWA Noriko (Tokyo National Research Institute for Cultural Properties)
- ◆ P003 Stabilization of leather
--- through the conservation treatment of Box decorated with lacquer and leather with design of quail and millet, owned by Miyakonojyo Shimazu Residence ---
© ONISHI Tomohiro (LLC Onishi lacquer art restoration studio), GOTO Rika (LLC Onishi lacquer art restoration studio), ARIMITSU Sayuri (Miyakonojyo Shimazu Residence)
- ◆ P004 Characteristics of Structure and Design of So-called "Zonsei" Dragon Tray Made in The Wanli Era
© MATSUMOTO Takumi (Graduate School of Tsurumi University), TAKAHASHI Nai (Graduate School of Tsurumi University), YAJIMA Ritsuko (Tsurumi University)
- ◆ P005 Investigation on Temporary Waterproof Coating of Paper Materials with Menthol
--- A Comparative Study of Cyclododecane and I-Menthol
© KISHI Soya (Toyo Institute of Art and Design), ONO Shinnosuke (Toyo Institute of Art and Design), MIZUOCHI Takashi (Toyo Institute of Art and Design), MATSUDA Yasunori (Toyo Institute of Art and Design)
- ◆ P006 The conceptual changes of minimal intervention:
its impacts on the ethics of tear repair in canvas paintings
© OKAWA Yuka (Tokyo National Research Institute for Cultural Properties)
- ◆ P007 Identification of dyestuffs used in kyokechi clamp-resist dyeing found in the Shosoin textiles
© NAKAMURA Rikiya (Office of the Shosoin treasure house, Imperial household agency)
- ◆ P008 Experimental treatment for dyed textiles with iron mordant using Japanese traditional adhesives funori and nikawa
© Ajla REDZIC (Tokyo University of the Arts), HAYAKAWA Noriko (Tokyo University of the Arts), SATO Moe (Tokyo National Museum), WATANABE Hisae (Tokyo University of the Arts)
- ◆ P009 Evaluation of the Effect of Purification on Characteristics and Mold Susceptibility of Funori
© HAYAKAWA Noriko (Tokyo National Research Institute for Cultural Properties), KIM Minjung (Shubi Co.,Ltd.), KASHIWAYA Akemi (The Japan Art Institute), UTSUNOMIYA Masaki (Shubi Co.,Ltd.)

- ◆ P010 **Research Report about Hydrangea Paniculata, Essential Material for Paper Making**
 ◎ OKA Iwataro (Association for Successors of Traditional Preservation Techniques),
 MATSUDA Kiyoshi (Association for Successors of Traditional Preservation Techniques),
 FUKUNISHI Masayuki (Association for Successors of Traditional Preservation Techniques),
 EBUCHI Eikan (Association for Successors of Traditional Preservation Techniques),
 FUKUNISHI Arisa (Association for Successors of Traditional Preservation Techniques)

- ◆ P011 **Conservation report on "Last JUDGEMENT" (painting on paper, hanging scroll) by de Rotz, the Collection of Nagasaki Oura church-Christian Museum**
 ◎ WON Heejae (Tohoku university of Art&Design), SUGIYAMA Keisuke (tohoku university of art&design)

- ◆ P012 **Conservation works of the historical object related to Minamata disease in the Minamata Disease Museum**
 ◎ HIDAKA Shingo (National Museum of Ethnology), WADAKA Tomomi (LLC Bunkasozokogei),
 KAWAMURA Yukako (National Museum of Ethnology), HIRAI Kyonosuke (National Museum of Ethnology),
 SONODA Naoko (National Museum of Ethnology), SUEMORI Kaoru (National Museum of Ethnology),
 HASHIMOTO Sachi (National Museum of Ethnology), KOIZUMI Hatsue (Minamata Disease Center Soshisha)

- ◆ P013 **Suppressive Effect of Novel Glass Thin Film Formation Technology on Biological Degradation of Stone Surface**
 ◎ HOSHINO Reiko (TSURUMI university), IWAMIYA Yoko (CHOETSU KAKEN Co.,Ltd.),
 CHIBA Toshie (TSURUMI university), ISHIKAWA Misao (TSURUMI university),
 SATOMURA Kazuhito (TSURUMI university)

- ◆ P014 **The Reconservation of Objects from the Fujinoki Tumulus, Nara: The Project Start-up and Conservation Details at the First Year**
 ◎ KAWASAKI Emi (Archaeological Institute of Kashihara, Nara prefecture),
 OKUYAMA Masayoshi (Archaeological Institute of Kashihara, Nara prefecture),
 KOKURA Shoko (Archaeological Institute of Kashihara, Nara prefecture),
 URABE Yukihiro (Archaeological Institute of Kashihara, Nara prefecture),
 AOYAGI Taisuke (Archaeological Institute of Kashihara, Nara prefecture),
 KITAI Toshiyuki (Archaeological Institute of Kashihara, Nara prefecture),
 HIRAI Takeshi (Archaeological Institute of Kashihara, Nara prefecture),
 SHIGEMI Yasushi (Archaeological Institute of Kashihara, Nara prefecture),
 YOSHIMURA Kazuaki (Archaeological Institute of Kashihara, Nara prefecture),
 YOKOSUKA Tomomichi (Agency for Cultural Affairs - Japan)

- ◆ P015 **Ground Materials for Restoration of the Polychrome Statue, Rinno-ji Temple**
 ◎ MYOCHIN Motoya (Meikodo Inc.), SHIBATA Risshi (RIN-NO-JI TREASURE HOUSE),
 KAWASE Yoshiteru (WASEDA University), MYOCHIN Rika (Meikodo Inc.)

- ◆ P016 **Attempts for re-wet paste sheets using for repair on paper works**
 ◎ YOKOBORI Atsuyo (Public limited company bunkazaihozon),
 HOSHI Ikuko (Public limited company bunkazaihozon), IMADA Jun (Public limited company bunkazaihozon)

- ◆ P017 **Reproduction of prototype using 3D printer**
 ◎ IMAZU Setsuo (Nara University), YAMAZAKI Takayuki (Aichi University of the Arts),
 SHIMIZU Hiroshi (Only Otsuka Ohmi Ceramics), KATO Saya (Nara University)

- ◆ P018 Experiments in removal of optical epoxy resin in conservation of porcelain and glass
 ◎ FUJII Maya (Tokyo University of the Arts), KITANO Mariko (Tokyo University of the Arts),
 ISHIHARA Michitomo (Tokyo University of the Arts), NONAKA Terumi (Tokyo National Museum),
 TAMAGAWA Mihono (Tokyo University of the Arts)

- ◆ P019 Takashina Takakane's Acquisition of Painting Skill in the Chrysanthemum Expressions of Komakurabe Gyoko Emaki:
 Through the Reconstruction of Komakurabe Gyoko Emaki
 ◎ LIU Mengru (Kyoto City University of Arts), TAKENAMI Haruka (Kyoto City University of Arts)

- ◆ P020 restoration and reproduction of doll costumes:
 examples of standing ningyo, boy and girl and hina ningyo, yusoku-bina (male)
 produced in the edo
 ◎ TANAKA Yoshie (kyoritsu women's university),
 TAKAHASHI Yuko (HOSEI University Kokusai High School),
 HIRAI Mie (The Saitama City Iwatsuki Ningyo Museum),
 IWATA Asuka (The Saitama City Iwatsuki Ningyo Museum)

- ◆ P021 Research on the Conservation and Restoration of Mosaic Murals in Japan:
 From a Case Study of Tile Mosaic at the Entrance of the Artist Katsuhiko Hibino's Studio
 ◎ SUZUMURA Atsuo (Tokyo University of the Arts), TSUCHIYA Yuko (Tokyo University of the Arts)

- ◆ P022 LED Replacement Treatment of a Contemporary Art Work used Incandescent Bulbs:
 Case Study on the Conservation of Tadanori Yokoo's Guardian AngelGuardian Angel
 ◎ MATSUNAGA Ryota (Yokoo Tadanori Museum of Contemporary Art),
 ISHIZU Tsuyoshi (FUENTE corporation)

- ◆ P023 Preparative method of high functional kozo fibers as material for paper conservation
 ◎ KASEYA Yuko (Tokyo University of the Arts), KIDA Keiko (Tokyo University of the Arts),
 IWATA Naomi (Tokyo University of the Arts),
 FUJIMOTO Manato (Ehime Institute of Industrial Technology, Paper Technology Center),
 NISHIDA Noriyoshi (Ehime Prefectural Nuclear Safty Center),
 HANDA Masaki (Handa Kyuseido Co., Ltd.),
 INABA Masamitsu (Tokyo National Research Institute for Cultural Properties)

- ◆ P024 Examples of restoration of inappropriate markings on museum collections
 ◎ MATSUMOTO Hiroyuki (Amakusa City Office), INATSU Takahisa (Amakusa City Office),
 NAGASE Satoshi (Geishou Corporation)

- ◆ P025 Conservation of the Japanese folk cultural property "Umamioka-Watamuki Shrine Sairei-togyozu-ema" in Hino, Shiga
 ◎ WADAKA Tomomi (LLC Bunkasozokogei), ISHII Rika (LLC Bunkasozokogei),
 HIDAKA Shingo (National Museum of Ethnology), SUEMORI Kaoru (National Museum of Ethnology),
 HASHIMOTO Sachi (National Museum of Ethnology),
 KAWAMURA Yukako (National Museum of Ethnology), SONODA Naoko (National Museum of Ethnology)

- ◆ P026 Characteristical crack of the oil painting which was evacuated by the war and conservation.
 ◎ YOSHII Mio (Studio Noah), TAKEDA Eri (Toyo Institute of Art & Design)

- ◆ P027 A study of *Abelmoschus manihot* used for making Japanese paper
--- the cultivation conditions and the nature of the mucus ---
◎ SHIMADA Chika (National Institute of Technology, Fukui College),
OGOSHI Sakiko (National Institute of Technology, Fukui College),
TANAKA Kotoko (University of Fukui), OGOSHI Yasuhiro (University of Fukui)
- ◆ P028 Research on the Processing Method of Uchigami; Hammered Paper
--- Comparison of Hammering Effect with Different Types of Additives ---
◎ NAKA Masaaki (KYOTO SAGA university of Art), MIWA Yoshino (KYOTO SAGA university of Art),
SASAKI Yoshiko (KYOTO SAGA university of Art)
- ◆ P029 Painting Materials and Techniques used in Japanese Woodblock Prints by Kiyochika
KOBAYASHI in the Meiji Era
◎ WATANABE Nao (Showa Women's university), TANAKA Manako (Syowa Women's university)
- ◆ P030 Optical Survey of Oil Painting Portraits in the Meiji Period
--- Based on the Miyounyou jyzou by Ando Thutaro owned by Ryukoku university
◎ YAMADA Takashi (Ryukoku university), MAEKAWA Miho (Ryukoku university),
KITANO Nobuhiko (Ryukoku university)
- ◆ P031 A Provenance Study of Turgesh Coins by Lead Isotope Ratios
◎ TAKEI Tsukasa (Teikyo University Graduate School),
FUJISAWA Akira (Research Institute of Cultural Properties, Teikyo University)
- ◆ P032 Materials and manufacturing techniques of comma-shaped beads and fragments
at manufacturing them excavated from Shurijo castle ruins in Okinawa.
◎ SHIGA Satoshi (Kyushu National Museum)
- ◆ P033 Properties of Soots as Ingredients of Sumi (Inksticks)
◎ UDAKA Kentaro (Tokyo National Research Institute for Cultural Properties, Independent Administrative
Institution)
- ◆ P034 A Basic Study on the Recording Method of Postwar Japanese-style Painting Using
a Coordinate Measuring Machine
◎ HINO Saya (akita university of art)
- ◆ P035 Research on Materials for Coloring and Body of Important Cultural Property "Nail
Covers (Traditionally attributed to Nonomura Ninsei)"
◎ FURIHATA Junko (Kyoto National Museum), FURIYA Tetsuo (Kyoto National Museum)
- ◆ P036 Relation between Type of an Inoh-map and the used colorants:
Based on the collections in Zenrin Museum and Yamaguchi Prefectural Archives
◎ SHIMADZU Yoshiko (National Museum of Japanese History),
MURAOKA Yukari (Historiographical Institute, The University of Tokyo)
- ◆ P037 Studies on degradation products of indigo dyed textile
◎ OKUSHIMA Kiko (Tokyo University of the Arts), TSUKADA Masahiko (Tokyo University of the Arts)

- ◆ P038 **X-ray CT Scanning Research of the Minakuchi Rapier owned by Fujisaka Shrine in Koka city, Shiga Pref. and its 3D Modeling**
 ◎ TORIGOE Toshiyuki (Tokyo National Museum),
 KOBAYASHI Koji (Tokyo National Research Institute for Cultural Property), WADA Kei (2bit),
 IKEDA Motoko (Kyoto National Museum), NAGAI Akiko (Koka City Board of Education)
- ◆ P039 **Study on color materials of the blue skin of the statue of Fudo Myoo from Erin-ji Temple**
 ◎ SAIGAN Mai (Yamanashi prefectural museum), FUJISAWA Akira (Teikyo university),
 OKADA Yasushi (Tokyo university of the arts), IMAHASHI Narumi (Teikyo university)
- ◆ P040 **Research on decorating metals of Ainu's quiver by X-ray Fluorescence and X-ray computed tomography**
 ◎ SUGIYAMA Tomoaki (Nara university), TORIGOE Toshiyuki (TOKYO NATIONAL MUSEUM),
 AKADA Masanori (National Ainu Museum), OSADA Yoshihiro (Nibutani Ainu Culture Museum),
 OE Katsumi (National Ainu Museum), IMAZU Setsuo (Nara university)
- ◆ P041 **The collar structure of "cotton garments" of Ainu artifacts in Shiraoi area by X-ray CT scanner**
 ◎ OE Katsuki (National Ainu Museum), KOTAJIMA Tomoko (National Ainu Museum),
 YAHATA Tomoe (National Ainu Museum)
- ◆ P042 **Research on the earliest "Yoshi" in Japan --- focusing on the "Kaisei-Chikenshi" ---**
 ◎ ISOGAI Kyohei (Sakata Bokujudo Co.,Ltd.), OBAYASHI Kentaro (Kyoto University of Art),
 NANAHO Kanako (THE SENRI FOUNDATION), TOSHIDA Mai (Kyoto University of Art)
- ◆ P043 **Report on the examination of "Otsu-Karasaki-zu" painting, the collection of Chiso co., Ltd.**
 --- colorant material and painting method of Kishi Chikudo ---
 ◎ ODA Momoko (Institute for Chiso Arts and Culture),
 MASUBUCHI Mariya (Kyoto University of Art and Design),
 NEGISHI Kanon (Kyoto University of Art and Design)
- ◆ P044 **On the black lacquer layer of dry lacquer statues of the Tenpyo period using charcoal powder**
 ◎ ZHU Ruolin (Tokyo University of the Arts), OKADA Yasushi (Tokyo University of the Arts),
 TSUKADA Masahiko (Tokyo University of the Arts), KIRINO Fumiyoshi (Tokyo University of the Arts),
 CAO Zhijian (Tokyo University of the Arts)
- ◆ P045 **A Study of Making Techniques for Reproduction of the Cast Bronze Triptych from the Collection of Shoujyu Raigoji Temple**
 ◎ KAMIYA Yoshimi (Kanazawa university),
 KUMAGAI Toru (Fukui Prefectural Ichijodani Asakura Family Site Museum),
 KUBO Tomoyasu (Eizan-Gakuin College/ Former Kyoto National Museum),
 MIMOTO Shuusaku (Tokyo National Museum), SHIMIZU Ken (Tokyo National Museum),
 TORIGOE Toshiyuki (Tokyo National Museum)
- ◆ P046 **Study on the Production Date of Tsushima Prints**
 --- Focusing on the Survey of Techniques and Materials
 ◎ YAMATO Asuka (Tokyo University of the Arts)

- ◇ P047 **Insecticidal effects by repeated high-temperature treatment (48°C and 50°C) applying to *Lyctus Africanus***
© KAWAMURA Yukako (National Museum of Ethnology), SONODA Naoko (National Museum of Ethnology), HIDAKA Shingo (National Museum of Ethnology), SUEMORI Kaoru (National Museum of Ethnology), HASHIMOTO Sachi (National Museum of Ethnology), WADAKA Tomomi (LLC Bunkasozokogei), SATO Yoshinori (Tokyo National Research Institute for Cultural Properties), KOMINE Yukio (Cultural Heritage Disaster Risk Management Center, Japan)
- ◇ P048 **New species of *Ctenolepisma* (*Zygentoma*: *Lepismatidae*) from Japan**
© SHIMADA Megumi (Tokyo National Research Institute for Cultural Properties), SATO Yoshinori (Tokyo National Research Institute for Cultural Properties), WATANABE Hiroki (Kyushu National Museum), KIGAWA Rika (Kyushu National Museum), KOMINE Yukio (Cultural Heritage Disaster Risk Management Center, Japan)
- ◇ P049 **An attempt to evaluate cleanliness by the ATP swabbing test in museum environments.**
© OKABE Michiko (Tokyo National Research Institute for Cultural Properties), SATO Yoshinori (Tokyo National Research Institute for Cultural Properties)
- ◇ P050 **The evaluation of ventilation for COVID-19 pandemic in museum exhibition**
© RO Toshitami (SOY-TEC Co. Ltd), TAKANO Sayoko (Yamanashi Prefectural Museum of Art), SOEDA Fumio (SOY-TEC Co. Ltd)
- ◇ P051 **Tests for Influence of Disinfectants for COVID-19 on Cultural Properties**
© MABUCHI Hajime (National Center for the Promotion of Cultural Properties, National Institutes for Cultural Heritage), YOSHIDA Naoto (National Center for the Promotion of Cultural Properties, National Institutes for Cultural Heritage)
- ◇ P052 **Archives and academic use of TAKAYA Shinkichi and HAYASHI Sime's sketches and draft works:
Artists graduated Kyoto City Technical School of Painting**
© SHOGAKI Masako (Kyoto City University of Arts), KAWASHIMA Wataru (Kyoto City University of Arts), ZHAI Jianqun (Kyoto City University of Arts), TAJIMA Tatsuya (Kyoto City University of Arts), TATARA Takiko (Hiroshima University), MORISHITA Maiko (Umi-Mori Art Museum), IKEGAMI Masanori (Kyoto City University of Arts), KOHYAMA Hikari (Kyoto City University of Arts), KOMORI Tomoe (Kyoto City University of Arts), SHIJO Tokiko (Kyoto City University of Arts)
- ◇ P053 **Investigation of cultural property VR experience for children in museum**
© KATO Kazutoshi (Kyushu Historical Museum), MURAKAMI Hiroaki (Toppen Co,Ltd), SAKAMOTO Yoshihiro (Toppen Co,Ltd), ISHIMARU Ryo (Toppen Co,Ltd), YOSHINAGA Koga (Toppen Co,Ltd)
- ◇ P054 **Evaluation of Storage Environment by Time Weighted Preservation Index:
Application to Storage Environment of National Museum of Ethnology, Osaka, Japan**
© SUEMORI Kaoru (National Museum of Ethnology, Osaka, Japan), SONODA Naoko (National Museum of Ethnology, Osaka, Japan), HIDAKA Shingo (National Museum of Ethnology, Osaka, Japan), KAWAMURA Yukako (National Museum of Ethnology, Osaka, Japan), HASHIMOTO Sachi (National Museum of Ethnology, Osaka, Japan), WADAKA Tomomi (LLC Bunkasozokogei)

- ◇ P055 **Temperature and humidity control of an air tight case --- from the data for 20 years ---**
 ◎ KOYANO Masako (Art Conservation Lab.), OKAWA Mika (Art Conservation Lab.),
 FUKUDA Makoto (Art Conservation Lab.), TAKEDA Toshihiro (Aoyama Gakuin)
- ◇ P056 **Relationship between reduction of ammonia concentration in the storage room and construction method**
 ◎ TAITO Kohei (Kochi Castle Museum of History),
 YAMAZAKI Masahiko (KOMYO RIKAGAKU KOGYO K.K.)
- ◇ P057 **Study on the effects of difference in concrete composition on the ammonia emission**
 ◎ NOMURA Kaori (Takenaka Corporation), AMANO Kentaro (Takenaka Corporation)
- ◇ P058 **Development of a method for evaluation of organic acid emitted from materials used in exhibition rooms and strage**
 ◎ INUZUKA Masahide (Tokyo National Research Institute for Cultural Properties),
 KOTAJIMA Tomoko (National Ainu Museum),
 TAKAHASHI Yoshihisa (Tokyo National Research Institute for Cultural Properties)
- ◇ P059 **The effect of ventilation measures on energy consumption in the exhibition room and the maintenance of a sustainable museum environment**
 ◎ AIKAWA Yu (Tokyo National Museum), WADA Hiroshi (Tokyo National Museum)
- ◇ P060 **Measures against harmful gases by air-tight cabinet in the storage area.**
 ◎ NITTA Takefumi (Shizuoka Prefectural Museum of Art),
 YAMAZAKI Masahiko (KOMYO RIKAGAKU KOGYO K.K.)
- ◇ P061 **Investigation of inner materials and the efficacy of the ventilating fans for reduction of VOC concentrations in a display case**
 ◎ IZUMITA Ayako (Kyushu National Museum), WATANABE Hiroki (Kyushu National Museum),
 KUWABARA Yuzuko (Kyushu National Museum), TOMIMATSU Shiho (Kyushu National Museum),
 MATSUO Mika (Kyushu National Museum), KIGAWA Rika (Kyushu National Museum)
- ◇ P062 **Concentration change in harmful gases after opening museum and verification of countermeasures.**
 ◎ YAMAZAKI Masahiko (KOMYO RIKAGAKU KOGYO K.K.),
 MIURA Natsuki (The Sakamoto Ryoma Memorial Museum)
- ◇ P063 **Airflow, Temperature and Humidity Distribution in the Storage Room of the National Ainu Museum**
 ◎ KOTAJIMA Tomoko (National Ainu Museum), OE Katsuki (National Ainu Museum),
 RO Toshitami (SOY-TEC Co., LTD)
- ◇ P064 **Activity Report on the Consulting Counter for Preventing COVID-19 in museums and cultural sites**
 ◎ YOSHIDA Naoto (The National Center for the Promotion of Cultural Properties),
 AKIYAMA Junko (Tokyo National Research Institute for Cultural Properties),
 TAHIRA Namiko (Agency for Cultural Affairs),
 MABUCHI Hajime (The National Center for the Promotion of Cultural Properties),
 MIZUTANI Etsuko (Tokyo National Research Institute for Cultural Properties),
 YOKOSUKA Tomomichi (Agency for Cultural Affairs), OKU Takeo (Agency for Cultural Affairs),
 HAYAKAWA Yasuhiro (Tokyo National Research Institute for Cultural Properties),
 TATEISHI Toru (Tokyo National Research Institute for Cultural Properties),
 NAKATA Naoki (Agency for Cultural Affairs)

- ◇ P065 Effectiveness by usage of "Open Crate" for display, research and conservation for the collections of contemporary art in the museum:
Case studies at 21st Century Museum of Contemporary Art, Kanazawa
◎ AIZAWA Kunihiko (21st Century Museum of Contemporary Art, Kanazawa)
- ◇ P066 Design of the Shelter for the Great Bath at Hisham's Palace
◎ UNO Tomoko (Mukogawa Women's University),
TAKAGI Masakazu (Matsuda Consultants International Co., Ltd.),
AOKI Shigeo (Tokyo National Research Institute for Cultural Properties),
OIKAWA Takashi (Oikawa Art Conservation),
KAWAZOE Kenji (Matsuda Consultants International Co., Ltd.),
IHAB Haj Daoud (Ministry of Tourism & Antiquities, Palestine)
- ◇ P067 Alloys Used for Metal Objects Excavated from Ak-Beshim Site in the Kyrgyz Republic and Their Conservation
◎ FUJISAWA Akira (Research Institute of Cultural Properties, Teikyo University),
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- ◇ P068 International Collaboration for Conservation of Cultural Heritage
--- Consideration from the Projects by Kansai University ---
◎ NISHIURA Tadateru (Kokushikan university), SUITA Hiroshi (Kansai University),
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- ◇ P069 Scientific characterisation of manufacturing techniques and materials of imitation of schist sculpture using stucco technique from Gandhara, Pakistan
◎ TANIGUCHI Yoko (University of Tsukuba), MOMII Motomitsu (Tokyo Art Club),
TAKASHIMA Miho (National Museum of Western Art), YAMADA Osamu (Nara Prefectural University),
TOKANAI Fuyuki (Yamagata University), NAIKI Satoshi (Kyoto University),
KUMAZAWA Yuki (Nippi, Incorporated), OKADA Yasushi (Tokyo University of the Art),
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- ◇ P070 Lac dye paints used along the Silk Road
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◎ CAO Zhijian (Tokyo University of the Arts), TSUKADA Masahiko (Tokyo University of the Arts)
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--- A conservation project of a Baboon God-figure of Ancient Egypt and Near Eastern Collection at Tokai University
◎ YAMAHANA Kyoko (Tokai University)
- ◇ P073 Nondestructive and onsite spectroscopic analysis of "Baboon holding Wdjat eye" statue in Ancient Egypt and Near Eastern Collection at Tokai University
◎ ABE Yoshinari (Tokyo Denki University), MURAKUSHI Madoka (University of Tsukuba),
TAKAHASHI Kaori (University of West Attica), YAMAHANA Kyoko (Tokai University)

- ◇ P074 **Chemical compositional analysis of glass beads in Baba collection of Hakodate City Museum using portable XRF spectrometer**
 ◎ MURAKUSHI Madoka (University of Tsukuba), NAKAI Izumi (Tokyo University of Science), OKUNO Susumu (Hakodate City Museum), NAKAMURA Kazuyuki (National Institute of Technology, Hakodate College / Hakodate University)
- ◇ P075 **Examination of blue-green color materials used for <<Peacocks and Peonies>> painted by Maruyama Okyo, collection of Shokokuji.**
 ◎ SUZAWA Mei (Graduate School of Fine Arts, Tokyo University of the Arts), YAMATO Asuka (Graduate School of Fine Arts, Tokyo University of the Arts), FUJIOKA Msato (Japanese painter), ARAI Kei (Graduate School of Fine Arts, Tokyo University of the Arts)
- ◇ P076 **On the results of X-ray fluorescence analysis and infrared photography of color materials applied to restored Japanese paintings**
 ◎ MATSUSHIMA Tomohide (kochi university), NOZUMI Koichi (kochi university)
- ◇ P077 **Analytical Investigation of painting materials relating to Akita Ranga**
 ◎ TAKAHASHI Yoshihisa (Tokyo National Research Institute for Cultural Properties), CHI Chihlien (Tokyo National Research Institute for Cultural Properties), INUZUKA Masahide (Tokyo National Research Institute for Cultural Properties)
- ◇ P078 **Deterioration Behaviour of Japanese Scroll Model Samples after Re-lining of the First Lining Paper**
 ◎ LEE Kang (Japan society for the promotion of science / University of Tsukuba), ENOMAE Toshiharu (University of Tsukuba), INABA Masamitsu (Tokyo University of the Arts)
- ◇ P079 **On Site Pigment Analysis of Two Oil Paintings from the National Museum of Western Art:
 Mater Dolorosa by Carlo Dolci and The Flight of Lot and His Family from Sodom attributed to Jacob Jordaens**
 ◎ TAKASHIMA Miho (The National Museum of Western Art), ABE Yoshinari (Tokyo Denki University), TERASHIMA Kai (Tokyo University of the Arts), MURAKUSHI Madoka (University of Tsukuba), FURUYAMA Luna (Tokyo Denki University), TANIGUCHI Yoko (University of Tsukuba)
- ◇ P080 **Performance Evaluation of a Hyperspectral Camera for the Two-dimensional Spectroscopic Analysis of Cultural Objects**
 ◎ CHI Chihlien (Tokyo National Research Institute for Cultural Properties), INUZUKA Masahide (Tokyo National Research Institute for Cultural Properties)
- ◇ P081 **Building a Local Network for Cultural Heritage Disaster Risk Management**
 ◎ NAKASHIMA Shiho (Cultural Heritage Disaster Risk Management Center, Japan), HAMADA Takushi (Nara National Research Institute for Cultural Properties), KODANI Ryusuke (Cultural Heritage Disaster Risk Management Center, Japan), KOHDZUMA Yohsei (Cultural Heritage Disaster Risk Management Center, Japan)
- ◇ P082 **Study on the fall prevention of Three-Dimensional Works by the simulation: Kannon statue in Hozozenji Temple as an example**
 ◎ NAKAYA Nao (Kyoto National Museum), NISHIKAWA Syubin (Hozozenji), ITO Akihito (Nara National Museum), FURIHATA Junko (Kyoto National Museum)

- ◇ P083 Cultural Properties in Oita Prefecture Damaged by the 2016 Kumamoto Earthquake and Their Restoration
 ◎ YAMAJI Yasuhiro (Oita Prefectural Education Agency Culture Division)
- ◇ P084 Condition Assessment and Treatment on Acrylic Emulsion Paintings damaged by Tsunami, Case of "Work A", "Work B", "Work D" by Nameki Masayoshi, Rikuzentakata City Museum Collection
 ◎ OBA Shinoko (Japan Conservation Project), TAKAHASHI Shiho (Japan Conservation Project), MIURA Chika (Japan Conservation Project), YAMAZAKI Shohei (Japan Conservation Project)
- ◇ P085 Improvements of storage environment for cultural properties damaged by the 2011 Great East Japan Earthquake:
 10 years' activities at the former Tsukidate junior high school in Kesennuma City, Miyagi Prefecture
 ◎ HASHIMOTO Sachi (National Museum of Ethnology), HIDAKA Shingo (National Museum of Ethnology), SONODA Naoko (National Museum of Ethnology), SUEMORI Kaoru (National Museum of Ethnology), KAWAMURA Yukako (National Museum of Ethnology), WADAKA Tomomi (LLC Bunkasozokogei)
- ◇ P086 Research on the physical property of "kihada dyed papers"
 --- focusing on strength changes due to aging simulation ---
 ◎ OHBAYASHI Kentaro (Kyoto University of Art), NAKAE Aki (Kyoto University of Art)
- ◇ P087 Explainability of Machine Learning with SHAP for Paper Degradation Model by Infrared Spectra
 ◎ ONO Shinnosuke (Toyo Institute of Art and Design)
- ◇ P088 Studies on deterioration of malachite and azurite as coloring materials
 --- Investigation focused on accelerating aging ---
 ◎ HASEGAWA Satomi (Tokyo university of the arts), KIDA Keiko (Tokyo university of the arts)
- ◇ P089 Conservation of stucco decoration found in Western-style architecture in the Meiji period.
 ◎ MAEKAWA Yoshifumi (Tokyo National Research Institute for Cultural Properties), NAKAYAMA Shunsuke (Tokyo National Research Institute for Cultural Properties), NAKAMURA Mai (Tokyo National Research Institute for Cultural Properties)
- ◇ P090 A study on the structure and preservation of paintings as interior decoration in Japanese modern western architecture
 ◎ SUZUKAMO Fujiko (State Guest House, Akasaka Palace)
- ◇ P091 Consideration of the damage to Three-dimensional decoration (compo) on the surface of the frame
 --- Through the preservation and restoration of "Nagao Frame" manufactured by Kenkichi Nagao (collected by the University Art Museum, Tokyo University of the Art
 ◎ MIURA Saki (Tokyo University of Arts), TSUCHIYA Yuko (Tokyo University of Arts)

◇ P092 **Environmental Effects on Drying Oil Coatings for Traditional Buildings**

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TEZUKA Sigeyuki (Association for the Preservation of the Nikko Shrines and Temples),
SATO Noritake (Association for the Preservation of the Nikko Shrines and Temples),
ISHIKAWA Sumika (Ryukoku University), KITANO Nobuhiko (Ryukoku University)

Special poster session

- S1 **Protection of cultural properties after the Kumamoto earthquake
--- Our experience and learning**
INABA Tsuguharu (Kumamoto University)
- S2 **Rescue activities of damaged cultural materials and returning profit to society:
From the practice of Kumamoto Historical Document Conservation Network**
IMAMURA Naoki (Kumamoto University)
- S3 **The Cultural Properties Rescue in the Kumamoto 2020 07 Heavy Rain Disaster**
ARIKI Yoshitaka (Kumamoto Prefectural Museum of Art)
- S4 **Role of Cultural Properties Disaster Risk Management Center and futureprospects**
KODANI Ryusuke (Cultural Heritage Disaster Risk Management Center, Japan)
- S5 **Activities of the disaster control survey subcommittee
--- 2021 report The disaster control survey subcommittee**
HIDAKA Shingo, KIGAWA Rika, SATO Yoshinori, NAKAMURA Shinya,
MABUCHI Hajime, WADA Hiroshi (The disaster control survey subcommittee)