# Program

 $(\bigcirc$  Principal investigator)

Day 1 14-Jun. Sat.

Session I	
O 01	A Case Study of Conservation and Utilization Methods <i>Shifuku</i> Damaged by Deterioration © IKEDA Kazuhiko(SHUGO Co.,Ltd) TAMAI Aya(NEZU Museum) SAWADA Mutsuyo(Tokyo National Museum) INOUE Sayaka(SHUGO Co.,Ltd) YONEKURA Otoyo(Joshibi University of Art and Design) NISHIDA Hiroko(NEZU Museum)
O 02	Adapting Use of Agar Gel for Localized Cleaning on a Shosoin Silk Textile © KATAOKA Masumi(Office of the Shosoin Treasure House, the Imperial Household Agency) NAGATA Daisuke(Office of the Shosoin Treasure House, the Imperial Household Agency)
O 03	<ul> <li>Yellowing, Brittleness, and Odor: Addressing the Challenges of Cellulose Nitrate and Cellulose Acetate in Costume Collections and Efforts to Improve Storage Methods</li> <li>SATO Moe(Tokyo National Museum) YUI Kaoru(Kyoto Costume Institute) TSUKADA Masahiko(Tokyo University of the Arts)</li> </ul>
Session II	
O 04	Case Studies of Lead Corrosion in Wood and Lacquer Artefacts and Their Conservation Issues © NONAKA Terumi(Tokyo National Museum) MIYATA Masahiro(Tokyo National Museum) SATO Moe(Tokyo National Museum)
O 05	<ul> <li>Using Paraloid™ B-72 as a Filler for Glass Works: Case Study of the Restoration of Glass Panel for Entrance Doors of the Residence of <i>Prince and Princess Asaka</i> in the Collection of the Tokyo Metropolitan Teien Art Museum.</li> <li>© KITANO Mariko(Tokyo University of the Arts) MUTA Yukihide(Tokyo Metropolitan Teien Art Museum) KURIHARA Yukihiro(Tansei Display Co., Ltd.) MATSUNAGA Ryota(Kōnan Women's University)</li> </ul>
O 06	The Fundamental Study on the Characteristics of Cotton as a Packaging Material for Cultural Properties © WADA Hiroshi(Tokyo National Museum)
Session III	
O 07	<ul> <li>3D Measurement of Hanging Scrolls Under Different Temperature/RH Conditions and of Different Exhibition Schemes to Investigate Consequent Physical Changes</li> <li>© KIGAWA Rika(Kyushu National Museum) TANAKA Asami(Kyushu National Museum) WATANABE Hiroki(Kyushu National Museum) IZUMITA Ayako(Kyushu National Museum) OKA Iwataro(Oka Bokkodo Co., Ltd.) HAYAKAWA Noriko(Tokyo National Research Institute for Cultural Properties) WASHIZU Katsura(National Museum of Japanese History) KOIZUMI Yoshihide(Kyushu National Museum) SHIMATANI Hiroyuki(The Museum of the Imperial Collections, Sannomaru Shozokan)</li> </ul>
O 08	Conservation of Mark Rothko's Painting on Paper

© NISHIO Yoshiyuki(Nishio Conservation Studio)

- 0 09 Evaluation of Accelerated Ageing Test for Predicting Natural Ageing of Paper : Estimation of Initial Physical Strength Based on Equilibrium Moisture Content in the Paper
  - © LEE Kang(Tokyo Gakugei University) ENOMAE Toshiharu(University of Tsukuba) INABA Masamitsu(Tokyo University of the Arts)
- O 10 Evaluation of the Solvent Resistance of Acrylic Paint Films Using Laser Speckle Imaging (LSI)
   © ONO Shinnosuke(Toyo Institute of Art & Design) TAKADA Chisa(Toyo Institute of Art & Design)

#### Sessino IV

0 11 Remote Conservation Challenges for Cultural Heritage in Syria: Destructed Archaeological Site, Ain Dara

© TANIGUCHI Yoko(University of Tsukuba) Sari JAMMO(Nagoya University Museum) TSUNEKI Akira(University of Tsukuba) WATANABE Nobuya(Chubu University) IGARASHI Ayumi(Freelance illustrator) MASUDA Kumi(Masuda Conservation Studio) NISHIMURA Akiko(Object conservator) OIKAWA Takashi(Oikawa Art Conservation) TASHIRO Megumi(University of Tsukuba) MAKINO Mariko(Teikyo University)

O 12 Management of the Temple's Cultural Properties After Its Closure -the Case of Sesonji Temple, Yamanobe Town, Japan

 WATANABE Shingo(TOHKOKEN Co. Ltd., Restoration Studio of Classical Sculpture) MAKINO Takao(TOHKOKEN Co. Ltd., Restoration Studio of Classical Sculpture) ISHII Tomoya(TOHKOKEN Co. Ltd., Restoration Studio of Classical Sculpture) SHIBATA Kouei(Sesonji Temple) SHIBATA Takusyu(Darumaji Temple) TAKEDA Shinobu(Yamanobe Town Board of Education, Yamagata Prefecture) ARATAME Iwao(Yamanobe Town Board of Education, Yamagata Prefecture) MURAYAMA Kenji(Yamanobe town Cultural Properties Protection Council) TAKEDA Miwa(Yamanobe town Cultural Properties Protection Council) TAKAHASHI Youji(Traditional Architecture Research and Restoration Company)

Day 2 15-Jun. Sun.

### Session V

- O 13 Chemical Characterization of Red and Orange Pigments used by KONOSHIMA Oukoku
   © TAKABAYASHI Hiromi(Kyoto City University of Arts) CHI Chihlien(Tokyo National Research Institute for Cultural Properties) OGATA Kikuya(Kyoto Municipal Institute of Industrial Technology and Culture) TACHIBANA Youichi(Kyoto Municipal Institute of Industrial Technology and Culture) HIROOKA Kiyoo(Kyoto Municipal Institute of Industrial Technology and Culture)
   O 14 Shen Nanpin and Japanese Nanpin School's White Pigments Focusing on the British Museum Collection
   © TSUNODA Makiko(University of Oxford)
- 0 15 Analysis of the Vast Amount of Surface Information Obtained from MA-XRF and RIS Applied to Painting Examination
  - © KAMBA Nobuyuki(Tokyo University of the Arts) PARK Yungkyoung(Tokyo University of the Arts) YAMAMOTO Masakazu(Alpha Japan Co. Ltd.)

## Session VI

O 16	Conservation of an Historic Wooden Structure by the Resin Artificial Wood: Application to the
	Columns of <i>Hakogi</i> House in Kobe City, and the Condition After 44 Years.
	© NISHIURA Tadateru(Kokushikan University)
	CHIGUSA Hiroshi(Kobe City Office)
	KAWAKAMI Atsushi(Kobe City Office)
	NAKASATO Toshikatsu(Tokyo National Research Institute for Cultural Properties)

0 17 The Shelter for the *Oyama* Lantern Event of Tsurumaki-Shimobu, Hadano City © KUCHITSU Nobuaki(Tokyo National Research Institute for Cultural Properties)

# Poster Session

(© Principal investigator)

Dayl 14-Jun. Sat. 13:10~14:20

◆ P001	Conservation Report on the <i>Gold-leaf and Color-decorated Women's Thirty-six Poets Folding</i> <i>Screen</i> in the Montreal Museum of Fine Arts: Restoration and Replacement of the Backing Paper © HASHIMOTO Yu(SHUBI Co.,Ltd.) KIM Minjung(SHUBI Co.,Ltd.) NAKAI Chiaki(SHUBI Co.,Ltd.) OHNO Kyoko(SHUBI Co.,Ltd.) UTSUNOMIYA Masaki(SHUBI Co.,Ltd.) KATO Masato(Tokyo National Research Institute for Cultural Properties)
◆ P002	<ul> <li>Restoration of Nuihaku with Design of Seashore Floral Medallion Snow-covered Bamboo on Red Silk Satin (Edo Period) in the Collection of Marubeni Corporation</li> <li>TANAKA Yoshie(Kyoritsu Women's University) TAKAHASHI Yuko(Kyoritsu Women's University) GOTO Sumiko(Kyoritsu Women's University) FURUKAWA Takao(Kyoritsu Women's University) AKIBA Mayu(Kyoritsu Women's University) YAMANAKA Mikiko(Kyoritsu Women's University)</li> </ul>
◆ P003	Analysis and Conservation of a <i>Zonsei</i> Rectangular Tray with Flower and Butterfly Design © MATSUMOTO Takumi(Tsurumi University) TAKAHASHI Nai(Hirosaki City Museum) YAJIMA Ritsuko(Tsurumi University)
◆ P004	Restoration of <i>Ezokokufuzue</i> from the Collection of the National Ainu Museum © OE Katsuki(National Ainu Museum) YOKOHORI Atuyo(BUNKAZAIHOZON Co., Ltd.) TANAKA Rie(BUNKAZAIHOZON Co., Ltd.) TORIGOE Toshiyuki(NARA National Museum) KATO Saya(NARA National Museum) SHIMOMURA Noriko(National Ainu Museum)
◆ P005	<ul> <li>The Conservation and Restoration Methods for the Trowel Paintings Based on the Perspective of Cultural Heritage Preservation Studies</li> <li>MAEKAWA Yoshifumi(Tokyo National Research Institute for Cultural Properties) Daniela Maria MURPHY(Associazione Bastioni - Firenze) Simona CARECCIA(Associazione Bastioni - Firenze) Stefania FRANCESCHINI(Associazione Bastioni - Firenze)</li> </ul>
◆ P006	Conservation of Japanese Books in the British Museum -Evolution of Treatment and Decision Making- © KUSUNOKI Kyoko(The British Museum) Matthias SOTIRAS(The British Museum)
◆ P007	Ningyo Conservation at the Saitama City Iwatsuki Ningyo Museum © ADACHI Shuichi(The Saitama City Iwatsuki Ningyo Museum) KIRIHARA Eina(The Saitama City Iwatsuki Ningyo Museum) ARAI Haruna(The Saitama City Iwatsuki Ningyo Museum) NAGAI Mami(The Saitama City Iwatsuki Ningyo Museum) KANISAWA Mayumi(The Saitama City Iwatsuki Ningyo Museum) YAJIMA Riko(The Saitama City Iwatsuki Ningyo Museum)
◆ P008	Conservation Project of the Karakuri-Dolls in the Collection of the Kawasaki City Museum © KIRIHARA Eina(Japan Conservation Project) ADACHI Shuichi(Japan Conservation Project) EMA Chikako(Japan Conservation Project) TAKAHASHI Shiho(Japan Conservation Project)
◆ P009	Report on the Restoration of an Oil Painting on a Gilded Grand Piano © TADA Satoshi(Yamaryo Art Conservation Studio) WADA Reiko(Yamaryo Art Conservation Studio)

- ◆ P010 Restoration of Contemporary Art Work Using Lead: The Case Study of Melancholia by Anselm Kiefer
  - WATANUKI Yuki(Fukuoka Art Museum)
     HISA Yoichiro(Nara University)
     OIKAWA Takashi(Oikawa Art Conservation)
     YAMAZAKI Masahiko(Komyo Rikagaku Kogyo K.K.)
- ◆ P011 Report of Investigation for Restoration of West Theater at Umm Qais in Hashemite Kingdam of Jordan -Investigation of Basalt Pillar in Theater-

 MATUMOTO Ken(Kokushikan University, The Institute for Cultural Studies of Ancient Iraq) ONO Isamu(Kokushikan university) NISHIURA Tadateru(Kokushikan University, The Institute for Cultural Studies of Ancient Iraq)

◆ P012 Conservation of the Wall Paintings in the Saint Simeon Church in Cappadocia, Turkey: A Trial of Retouching with Digital Toning Support

 NARITA Akemi(Aichi University of the Arts, Institute for Conservation of Cultural Property) TAKAHASHI Kaori(Sompo Museum of Art) Mustafa TOPTEPE(Directorate of Conservation and Restoration Regional Laboratory of Nevsehir) Yasar BULMUS(Directorate of Conservation and Restoration Regional Laboratory of Nevsehir) YAMANE Momoka(University of Tsukuba) SUGAWARA Hirofumi(Kanazawa University) Hatice YILDIZ(Directorate of Conservation and Restoration Regional Laboratory of Nevsehir) TANIGUCHI Yoko(University of Tsukuba)

◆ P013 Disassembly and Conservation of Limestone Columns: A Case Study of the Coiled Dragon Column from Ansho-ji Temple

© FURIHATA Junko(Kyoto National Museum) MIYAKAWA Teiichi(Kyoto National Museum) OIKAWA Takashi(Oikawa Art Conservation)

- P014 Efforts to Preserve Onsite Video Film Shot in the Early Showa Period
   ③ YAMADA Takashi(Ryukoku University) MIZUTANI Tomoo(Nara Prefectural University) MATSUDA Wataru(Board of Education, Oyodo Town, Nara Prefecture) FUJIMOTO Keiko(Community-reactivating cooperator squad, Kamikitayama Village, Nara Prefecture)
- P015 Conservation and Restoration of the Wooden Nioh Statues of Chokokuji Temple, MAKIDERA in Kochi Prefecture: Significance and Issues of Public Relations Activities for Citizens through Planning Events at the Restoration Site
   Ø YOSHIDA Saori(Yoshida Buddhist Sculpture Studio)
- P016 Conservation Report Using the Results of 3D Measurement for the Making Crystal Eye
   MYOCHIN Motoya(Meikodo Inc.)
   OKUDA Shigetoshi(Meikodo Inc.)
   KAWAHARA Yoshiyuki(Meikodo Inc.)
- P017 Ongoing Activities Related to the Conservation of Local Cultural Properties Through the Conservation of the 33 Kannon Statues at Gyokuryuin Temple in Yamagata © OKADA Yasushi(Tokyo University of the Arts) ADACHI Shuichi(Tokyo University of the Arts) YAMADA Aki(Tokyo University of the Arts) ARAKAWA Yusuke(Tokyo University of the Arts) SUZUKI Nodoka(Tokyo University of the Arts) CHIWATA Miyu(Tokyo University of the Arts)
- P018 Usage of Non-Traditional Color Materials in Tibetan Thangka: Scientific Investigation of the Black Tang Treasure Guardian
   © XIAO Yiming(Teikyo University) FUJISAWA Akira(Research Institute of Cultural Properties, Teikyo University)

◆ P019	Consideration of the Effectiveness and Utilization Methods of Hyperspectral Imaging Investigations -An Optical Investigation of a Modified Oil Painting- © UENO Yoshimi(Yokohama University of Art and Design) TORIGOE Yoshihiro(Yokohama University of Art and Design) WATANABE Chihiro(Yokohama University of Art and Design) AOYAMA Hiroyuki(Kankyo Research Institute Inc.) YAMAGUCHI Daisuke(Kankyo Research Institute Inc.) IIDA Tetsuya(Kankyo Research Institute Inc.)
◆ P020	<ul> <li>Reflectance Spectral Analysis of Color Materials in the Visible to Near-Infrared Range Using a Hyperspectral Camera</li> <li>© CHI Chihlien(Tokyo National Research Institute for Cultural Properties) TERASHIMA Kai(Tokyo National Research Institute for Cultural Properties) INUZUKA Masahide(Tokyo National Research Institute for Cultural Properties)</li> </ul>
◆ P021	Monitoring the Sublimation Behaviour of Cyclododecane and l-Menthol in Paper by FT-NIR © KISHI Souya(University of Tsukuba) ONO Shinnosuke(Toyo Institute of Art and Design)
◆ P022	<ul> <li>Study on the Factors Influencing AI Accuracy in Identifying Animal Species in Leather Cultural Properties</li> <li>IIOKA Chikako(Tokyo University of the Arts) TAGUCHI Satoko(Tokyo University of the Arts) Karina LÄNGER(The German Leather Museum) Vanessa SCHAUER(The German Leather Museum) NAGATA Masahito(Yokohama National University) OKAJIMA Katsunori(Yokohama National University)</li> </ul>
◆ P023	Nondestructive Optical Investigation of <i>Seated Woman with a Little Round Hat</i> by Pablo Picasso © ABE Yoshinari(Tokyo Denki University) SHIMOHAMA Kazuki(Tokyo Denki University) MURAKUSHI Madoka(Meiji University) ASAKAWA Mamiko(art.u Ltd.) TAKASHIMA Miho(The National Museum of Western Art)
◆ P024	CT Imaging of the Jesuit Nanban Lectern Historically Handed down in Portugal © TORIGOE Toshiyuki(Nara National Museum) KOBAYASHI Koji(Tokyo National Research Institute for Cultural Properties) ULRIKE Körber(Instituto de História da Arte, Universidade Nova de Lisboa) KATO Saya(Nara National Museum)
♦ P025	<ul> <li>Report on the Investigation of the Incomplete Remains of Gohikeman in the Tokyo University of the Arts Collection</li> <li>© KOMATSU Takuya(Tokyo University of the Arts) TERASHIMA Kai(Tokyo University of the Arts) KIDA Keiko(Tokyo University of the Arts) ARAI Kei(Tokyo University of the Arts)</li> </ul>
◆ P026	Fundamental Research on X-ray CT Image Analysis Using AI © KATO Saya(Nara National Museum) IMAZU Setsuo(Nara University) YAMAZAKI Takayuki(Researcher of Buddhist Sculpture Conservation)
◆ P027	Nondestructive and Onsite Chemical Composition Analysis of Dot-pattern Glass Beads Excavated in Nyakuoji-tombs, Fujieda City, Shizuoka Prefecture © MURAKUSHI Madoka(Meiji University) HISANAGA Masahiro(Osaka Pref, Chikatsu Asuka Museum) IWAKI Tomoe(Fujieda City, Cultural Properties Division)
◆ P028	Identification of Black Lacquer Using Bathophenanthroline Test Paper © KURASHIMA Reo(Tokyo National Research Institute for Cultural Properties) HAYAKAWA Noriko(Tokyo National Research Institute for Cultural Properties) SAGINOYA Ippei(Mejiro Institute of Urushi Research and Restoration) MUROSE Tomoya(Mejiro Institute of Urushi Research and Restoration)

◆ P029	A Method for Identifying Yellow Colorants Used in Early Modern Japanese Art Materials © YAMATO Asuka(Tokyo National Institute for Cultural Properties) ICHIMIYA Yae(Tokyo University of the Arts) NISHIDA Noriyoshi(Tokyo National Institute for Cultural Properties)
◆ P030	Image Extraction of Surface Patterns from 3D Data of Iron Lanterns © MAGARA Ryota(SABIA.Inc) IZUMI Reijiro(Chado Research Center Galleries) TANIGUCHI Masaaki(SABIA.Inc) OKUMURA Koji(SABIA.Inc)
◆ P031	Three-dimensional Measurement and Digital Shape Restoration of Kinkoin Buddhist Statues © OKAMOTO Atsushi(OTEMAE UNIVERSITY History Research Institute) SUGISAKI Takahide(TEZUKAYAMA university)
◆ P032	The Difference in Shape of the "Iron" Statue of <i>Amida Nyorai</i> Based on the "Wooden" Statue Using 3D Data © YAMADA Osamu(Nara Prefectural University) MIYAZAKI Ko(Chiba University) SAEGUSA Kazumasa(Tokyo University of the Arts) MATSUMOTO Takashi(Okinawa Prefectural University of Arts) MAIZAWA Rei(Tokyo National Research Institute for Cultural Properties) FUJIMAGARI Takaya(Fujishiro Sculpture Laboratory) HARA Hirofumi(Keio Shiki Senior High School)
◆ P033	<ul> <li>Artistic Practices for Reproducing Expression and Composition of Mural Painting Depicted in Mangyu Temple, Ladakh</li> <li>SHOGAKI Masako(Kyoto City University of Arts) SUEMORI Kaoru(National Museum of Ethnology) TERAI Junichi(National Museum of Ethnology) KIKUYA Ryuta(Koyasan University) ZHAI Jianqun(Kyoto City University of Arts)</li> </ul>
◆ P034	Documentation of Temple Space and Rediscovery of Hidden Mural Paintings in Mangyu, Ladakh © SUEMORI Kaoru(Natinal Museum of Ethnology) SHOGAKI Masako(Kyoto City University of Arts) TARAI Jyunichi(Natinal Museum of Ethnology) Skarma GRUMET(JULAY LADAKH) Quentin DEVERS(French National Centre for Scientific Research)
◆ P035	<ul> <li>Examination of the Fan Painting Gold Leaf Technique Based on a Survey of the Fan Paintings in the Nara National Museum Collection</li> <li>BANNO Tomohiro(Aichi University of the Arts, Institute for Conservation of Cultural Property) YASUI Ayako(Aichi University of the Arts, Institute for Conservation of Cultural Property) SANO Fumika(Aichi University of the Arts)</li> </ul>
◆ P036	Report on the Investigation of <i>Hokekyo-e</i> Owned by Aizu Museum, Waseda University © KARINO Kayoko(Teikyo University) FUJISAWA Akira(Research Institute of Cultural Properties, Teikyo University) OKADA Yasushi(Tokyo University of the Arts) SUZAWA Mei(Tokyo University of the Arts) YAMAMOTO Satomi(Waseda University) OKUMA Seisaku(Aizu Museum, Waseda University) KAKIZAWA Kaho(Aizu Museum, Waseda University) MURATA Mitsuki(Aizu Museum, Waseda University)
◆ P037	A Study on the Characteristics of Crepe Prints Based on a Survey and Reproduction Experiment © ICHIMIYA Yae(Tokyo University of the Arts) YAMATO Asuka(Tokyo National Research Institute for Cultural Properties) MIYADERA Raita(Tokyo University of the Arts) MIIDA Seiichiro(Tokyo University of the Arts)
◆ P038	On the Techniques of Black Pigments Expression Used in the <i>Komakurabe Gyoko Emaki</i> Owned by the Kuboso Memorial Museum of Arts © LIU Mengru(Kyoto City University of Arts) TAKENAMI Haruka(Kyoto City University of Arts)

◆ P039	A Consideration of <i>UMPITSU</i> (Brushwork): The Brushes Used by Various Artists from Late Edo Period to Early Showa © HAYASHI Shizuka(Kyoto City University of Arts) TAKENAMI Haruka(Kyoto City University of Arts)
◆ P040	<ul> <li>Coloring Materials and Techniques in Tsubaki Chinzan's <i>Gyokudo Fuki Zu</i> (Collection of the Sen-oku Hakukokan Museum)</li> <li>TAKAHATA Rino(Kyoto City University of Arts) TAKABAYASHI Hiromi(Kyoto City University of Arts) UNO Shigeo(Kyoto City University of Arts) TAKENAMI Haruka(Kyoto City University of Arts)</li> </ul>
◆ P041	<ul> <li>Investigation of the Structure and Coloring Materials of Lacquered Pedestal for Incense Burner with Gold Leaf and Painting (<i>Koin-za</i>) Stored in the Shosoin Repository</li> <li>TSURU Mami(Office of the Shosoin Treasure House, the Imperial Household Agency) YOSHIDA Takuji(Office of the Shosoin Treasure House, the Imperial Household Agency) TORIGOE Toshiyuki(Nara National Museum) KATO Saya(Nara National Museum) NAKAMURA Rikiya(Office of the Shosoin Treasure House, the Imperial Household Agency)</li> </ul>
◆ P042	Identification of Iron Mordant Used for Black Dyed Textiles Dated Edo Period © SATO Moe(Tokyo National Museum) ICHIMIYA Yae(Tokyo University of the Arts) KURASHIMA Reo(Tokyo National Research Institute for Cultural Properties) HAYAKAWA Noriko(Tokyo National Research Institute for Cultural Properties)
◆ P043	A Study and Experimental Verification of the Boiling Shell Method in Qing Dynasty Mother-of- pearl Craftwork: Focusing on Clams(Freshwater Bivalves of the Family Unionidae) © HU Shilin(Tokyo University of the Arts) MATSUMOTO Tatsuya(Tokyo University of the Arts)
◆ P044	<ul> <li>Techniques of 15th-century Italian Paintings in Drying Oil Medium: An Analysis and Reconstruction of Cosmè Tura's <i>A Muse(Calliope?)</i></li> <li>PARK Youngkyoung(Tokyo University of the Arts) KITANO Mariko(Tokyo University of the Arts) KOSHIKAWA Michiaki(Tokyo University of the Arts) OKADA Yasushi(Tokyo University of the Arts) SAKUMA Michiko(Tokyo University of the Arts)</li> </ul>
◆ P045	Materials and Techniques Used in the Two Flemish Paintings from Groeninge Museum and the National Museum of Western Art © TAKASHIMA Miho(The National Museum of Western Art) YOSHIDA Shunya(Tokyo Denki University) MURAKUSHI Madoka(Meiji University) TERASHIMA Kai(Tokyo University of the Arts) ASAKAWA Mamiko(art.u Ltd.) ABE Yoshinari(Tokyo Denki University)
◆ P046	<ul> <li>Exploring the Production Techniques of Early Modern Japanese Buddha Statues: A Case Study of Zenpouji Temple's <i>Five Hundred Arahat Statues</i> with X-Ray CT Analysis</li> <li>SASAOKA Naomi(Tohoku University of Art and Design) ITO Kouji(Tohoku University of Art and Design)</li> </ul>
◆ P047	A Research on the Restoration and Reconstruction of the <i>Wooden Standing Statue of Jizo</i> <i>Bosatsu</i> at Koryu-ji Temple in Kitayama Area, Sakurai City, Nara, through CT Analysis © LIU Yutong(Tokyo University of the Arts) OKATA Yasushi(Tokyo University of the Arts) OHYAMA Motonari(Botanical Gardens, Tohoku University) TOKANAI Fuyuki(Yamagata University Research Institute) NAGASAKO Shinya(Tokyo Metropolitan Archaeological Center) SATOU Yuto(Tokyo Metropolitan Archaeological Center) SUZUKI Shinya(Tokyo Metropolitan Archaeological Center)

◆ P048	<ul> <li>Scientific Study and Research on the Seated Dainichi Nyorai Wooden Statue of Honzan Jionji Temple —Focusing on the Construction Materials and Structural Techniques—</li> <li>LIU Changmin(Tokyo University of the Arts )</li> <li>OKATA Yasushi(Tokyo University of the Arts)</li> <li>YAMADA Osamu(Tokyo University of the Arts)</li> <li>OHYAMA Motonari(Botanical Gardens, Tohoku University)</li> </ul>
◆ P049	Elucidation of the Production Method of Sword Fittings Using X-ray CT © AIHARA Kensaku(The University of Tokyo) HARADA Kazutoshi(Fukuyama Museum of Art) NARUI Miho(Bunka Gakuen University)
◆ P050	<ul> <li>Degumming of Silk Using Rice Straw Lye</li> <li>SATO Maiko(Sakata Bokujudo Co., Ltd)</li> <li>SAKATA Masayuki(Sakata Bokujudo Co., Ltd)</li> <li>TANIGUCHI Tadashi(Torii Co., Ltd)</li> <li>KUROKAWA Sayaka(Torii Co., Ltd)</li> <li>TANAKA Atushi(Association for the Preservation and Inheritance of Mounting Textiles in Cultural Property Conservation)</li> <li>HUKUMOTO Hisato(Fukumoto dyeing Factory)</li> <li>MATSUI Wataru(Matsui silk weaving Co., Ltd)</li> </ul>
◆ P051	<ul> <li>Verification of Accelerated Deterioration Evaluation Method for Tuff</li> <li>SANO Katsuhiko(D &amp; D Corporation) TANIGUCHI Yoko(University of Tsukuba) WATANABE Kunio(Mie University) IBA Chiemi(Kyoto University) TSUTSUMI Takashi(Meiji University)</li> </ul>
◆ P052	Investigation for the Mechanism of Silver Deterioration and Development for the Preventive Method © FUJITA Seiya(Ashigara Manufacturing Inc.) ISHII Terumitsu(Ashigara Manufacturing Inc.)
◆ P053	Deterioration Mechanism of Otsu Mud Wall Associated with Sulphide Absorption $©$ UNO Tomoko(Mukogawa Women's University)
◆ P054	Degradation of Indigo and Changes in Fluorescence Properties of Wrapping Paper by Thermal Aging of Indigo-dyed Textiles © OKUSHIMA Kiko(Tokyo University of the Arts) TSUKADA Masahiko(Tokyo University of the Arts)
◆ P055	Research on the Effects of Reduced Sulfur Compounds on Metal Corrosion © TESHIMA Natsumi(Tokyo University of the Arts) TUKADA Masahiko(Tokyo University of the Arts)
◆ P056	<ul> <li>Study of Preservation and Transmission on Local Cultural Property through Collaboration between Citizens and Museum-From the Research of <i>Sioujiyama-sanjyusansekibutsu-</i></li> <li>KATO Kazutoshi(Kyushu Historical Museum) NABATA Kenji(Study Group of Shiojiyama) FUJITA Yuriko(Study Group of Shiojiyama)</li> </ul>
◆ P057	<ul> <li>Report of an Overseas Internship: In the East Asian Painting Conservation Studio at the National Museum of Asian Art</li> <li>© UEDA Jiro(Smithsonian institution National Museum of Asian Art) NAKAHARA Ryusei(Tohoku University of Art and Design) NIWA Akiko(Smithsonian institution National Museum of Asian Art) SUGIYAMA Keisuke(Tohoku University of Art and Design)</li> </ul>

### Day2 15-Jun. Sun. 13:00~14:10

◇ P058	Unknown Provenance Materials Used in Copper Alloy Products Excavated from the Ak-Beshim Site, Kyrgyz Republic
	◎ FUJISAWA Akira(Research Institute of Cultural Properties, Teikyo University)
	MIURA Maiko(Research Institute of Cultural Properties, Teikyo University)
	Bakyt AMANBAEVA(The National Academy of Sciences of the Kyrgyz Republic)
◇P059	Lime-gypsum-mixed Materials in the Central Asian Buddhist Sculptures
	© YAMANE Momoka(University of Tsukuba)
	KUROSAWA Masanori(University of Tsukuba)
	OTSUKA Yuichi(Hirayama Ikuo Silk Road Museum) MAEDA Tatsuhiko(Hirayama Ikuo Silk Road Museum)
	TANIGUCHI Yoko(University of Tsukuba)
◇ P060	On the Spread of Titanium White in Japan
	© SAKUMA Michiko(Tokyo University of the Arts)
◇ P061	The Research on the Black Coating Materials as the Measure of the Air Defense <i>Camouflage</i> in Japan during World War II
	© ONISHI Atsusa(Ryukoku University)
	KITANO Nobuhiko(Ryukoku University)
	HONDA Takayuki(Meiji University)
	KATO Shuji(The Japanese Association for Conservation of Architectural Monuments) TAMURA Migaku(The Japanese Association for Conservation of Architectural Monuments)
◇P062	On the Green Coloring Materials Used in Ainu Paintings by Hirasawa Byozan
	© KOTAJIMA Tomoko(National Ainu Museum)
	AKADA Masanori(National Ainu Museum)
	OE Katsuki(National Ainu Museum) SHIMOMURA Noriko(National Ainu Museum)
◇ P063	Study of the Formation of Verdigris (Green Pigment) Based on the Bologna Manuscripts
	◎ NARITA Madoka(Tohoku University of Art & Design) NAKAU Eriko(Tohoku University of Art & Design)
	ITO Kouji(Institute for Conservation of Cultural Property)
◇P064	The Quinone-crosslinking of Animal Glue Proteins Improves the Properties of Water-proof and
	Antibacterial Activity © YAMAUCHI Akira(St. Andrew's University)
	YAMAUCHI Asao(Osaka Research Institute of Industrial Science and Technology)
	YAMAUCHI Yuki(Amanosan Institute for Research and Restoration of Cultural Heritage)
◇ P065	A Study on the Characterization of Soot for Inkstick (Sumi) and the Improvement of Classical
	Animal Glue Production Methods
	◎ UDAKA Kentaro(Tokyo National Research Institute for Cultural Properties)
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	YAMADA Miki(Tokyo University of the Arts)
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	© NAGATA Daisuke(Office of the Shosoin Treasure House, the Imperial Household Agency) FUKUMORI Hiromu(Office of the Shosoin Treasure House, the Imperial Household Agency) NAKAMURA Rikiya(Office of the Shosoin Treasure House, the Imperial Household Agency)
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