

Program

1st day June 22, 2019

- 8:45 ~ Open (© Principal investigator)
9:40 ~ 9:50 Opening Speech by Teikyo University President
9:50 ~ 9:55 Opening Address

Session I

The chairman: ONISHI Tomohiro (LLC Onishi lacquer art restoration studio),
SHIMADZU Yoshiko (National Museum of Japanese History)

- 10:00 ~ 10:20 The starting period of the use of iron-reacted black urushi for conservation.
© OKADA Fumio (Kyoto University of Art and Design),
KITAGAWA Miho (Kyoto Prefectural University)
- 10:20 ~ 10:40 Analysis of Wrapping code attached to The Thirty volumes of Esoteric Scripture
© TAKAGI Tamaki (Kyoto Institute of Technology),
ASAKAWA Miyuki (Ninnaji Temple), TADA Makiko (Texte, Inc.)
- 10:40 ~ 11:00 Identification of Lotus Fiber in Lampas with Buddhist Motif by Non-destructive Analysis
© OHASHI Yuka (Kyushu National Museum),
TOMIOKA Yuko (Kitakyushu Museum of Natural History & Human History),
SHIGA Satoshi (Kyushu National Museum), KIGAWA Rika (Kyushu National Museum),
MATSUI Kazuyuki (Kitakyushu Museum of Natural History & Human History)
- 11:00 ~ 11:10 A 10-minute break

Session II

The chairman: AKADA Masanori (Preparatory Office for National Ainu Museum),
KATO Kazutoshi (Kyushu Historical Museum)

- 11:10 ~ 11:30 Nondestructive study of articulated iron lobster to clarify inner structure and manufacturing techniques
© TANAKA Manako (Showa Women's University), HOSHINO Masato (JASRI),
UESUGI Kentaro (JASRI), YAGI Naoto (JASRI),
KUDO Kotaro (Tokyo University of the Arts),
NUNOYAMA Koji (Tokyo University of the Arts),
HARADA Kazutoshi (Tokyo University of the Arts),
MIYASAKO Masaaki (Tokyo University of the Arts)
- 11:30 ~ 11:50 CT-Scan analysis of Tokai University Andes musical instruments
– A new research deriving from conservation –
© YAMAHANA Kyoko (Tokai University), KITA Rio (Tokai University),
TSUCHIYA Kazuyoshi (Tokai University), AWANO Wakae (Tokai University),
SASAKI Kaito (Tokai University), OHUCHI Shinnosuke (Tokai University),
IWAI Yuichiro (Tokai University), KONO Haruko (Tokai University)
- 11:50 ~ 12:10 New Knowledge About Kaikei's Sculptures Revealed by X-ray CT Scanner
© TORIGOE Toshiyuki (Nara National Museum), IWATA Shigeki (Nara National Museum),
IWAI Tomoji (Nara National Museum), YAMAGUCHI Ryuusuke (Nara National Museum),
ANDOU Mariko (Nara National Museum)
- 12:10 ~ 13:10 Lunch break

- 13:10 ~ 14:10 Poster session
 14:10 ~ 14:20 A 10-minute break

Session III

The chairman: AKIYAMA Junko (Kyushu National Museum),
 NAKAMURA Rikiya (Office of the Shosoin Treasure House)

- 14:20 ~ 14:40 **The Effect of Parenchyma Cell Content on Wet Strength of Kozo Paper**
 ◎ HAN Zhiyou (Graduate School of Tokyo University of the Arts),
 INABA Masamitsu (Graduate School of Tokyo University of the Arts)
- 14:40 ~ 15:00 **Conservation Based on Material Dynamics among Japanese Painting Paper, Lining, and Environments: Comparison of Degradation Behavior by Moist Heat Method and Sealed Tube Method**
 ◎ LEE Kang (Japan Society for the Promotion of Science / University of Tsukuba),
 ENOMAE Toshiharu (University of Tsukuba),
 INABA Masamitsu (Tokyo University of the Arts)
- 15:00 ~ 15:20 **Influence of Cross-sectional Shape and Pupa Killing Methods on Painting Silk**
 ◎ HAYAKAWA Noriko (Tokyo National Research Institute for Cultural Properties),
 OKABE Michiko (Tokyo National Research Institute for Cultural Properties),
 HAMADA Midori (Saitama Prefectural Museum of History and Folklore),
 YAMABUKI Midori (Tokyo National Research Institute for Cultural Properties),
 KIKUCHI Riyo (Tokyo National Research Institute for Cultural Properties),
 FURUKAWA Shoichi (The Museum Yamato Bunkakan),
 AKIMOTO Shigeko (KATSUYAMA CO., LTD),
 SHIMURA Akira (KATSUYAMA CO., LTD)
- 15:20 ~ 15:30 A 10-minute break

Session IV

The chairman: IKEDA Kazuhiko (The Association for Conservation of National Treasures),
 OKA Iwataro (Oka Bokkodo Co.,Ltd.)

- 15:30 ~ 15:50 **Evaluation on safety of painting cleaning using 3D morphological measurement system**
 ◎ MATSUDA Yasunori (Toyo Institute of Art and Design),
 SANADA Sae (Toyo Institute of Art and Design),
 ONO Shinnosuke (Toyo Institute of Art and Design)
- 15:50 ~ 16:10 **Study of slaking experiment of Pumice tuff composing stone cultural heritage and its protective measures**
 ◎ ARAKI Naruto (Tohoku University of Art & Design),
 YONEMURA Sachio (Tohoku University of Art & Design),
 ISHIZAKI Takeshi (Tohoku University of Art & Design)
- 16:10 ~ 16:30 **Possibility of the restoration with Japanese paper TENGUCHOSHI, in Buddhist image sculpture**
 ◎ MAKINO Takao (KIBI CONSERVATION STUDIO),
 SATOU Takehiko (KIBI CONSERVATION STUDIO),
 NISHIMAKI Ayako (KIBI CONSERVATION STUDIO),
 TOUDOU Miran (KIBI CONSERVATION STUDIO), ORYU Kazunori (Conservator),
 CHINZEI Hiroyoshi (HIDAKA WASHI Co.,Ltd.)

16:30 ~ 16:40 A 10-minute break

Session V

The chairman: NAKAMURA Sinya (Kanazawa Gakuin University),
FUJISAWA Akira (Teikyo University)

16:40 ~ 17:00 Conservation of World Cultural Heritage "Huasan Rock Art" in Gvangjsih Bouxcuengh Swcigih, China

© NISHIURA Tadateru (Kokushikan University),
SAWADA Masaaki (Tohoku University of Art and Dsign),
ISHIZAKI Takesi (Tohoku University of Art and Dsign),
TAKAMI Masazo (Geological Survey of Hokkaido),
NAGAMINE Akari (Tohoku University of Art and Dsign),
DU Yufan (Fudan University), WANG Jinhua (Fudan University),
DU Zhiyan (Kyoto University)

17:00 ~ 17:20 Grand Egyptian Museum Joint Conservation Project on the Suggestion of preventive conservation and grasp of the wood structure of Chariots and Couches of King Tutankhamen by the X-rays investigation

© OKADA Yasushi (Wooden sculpture cultural properties conservation laboratory),
MATSUSHIMA Tomohide (Kochi university),
KURIMOTO Yasuji (Akita prefectural university), OHYAMA Motonari (Tohoku university),
KAWAI Nozomu (Kanazawa university),
ADACHI Shuichi (Wooden sculpture cultural properties conservation laboratory),
MOSTAFA Abd El Aziz Hanan (Grand egyptian museum conservation center),
ABD El Aziz Ahmed Tarek (Grand egyptian museum conservation center),
MOHAMED Moustafa Mohamed (Grand egyptian museum conservation center),
MUHAMMAD Somaya (Grand egyptian museum conservation center),
MAHMOUD Gamal Gilan (Grand egyptian museum conservation center),
IBRAHIM Ahmed Abd Rabou (Grand egyptian museum conservation center),
KAMAL Hussein (Grand egyptian museum conservation center)

17:20 ~ 17:40 Grand Egyptian Museum Joint Conservation Project on the Survey of Multispectral Imaging of Mural Painting of Ini-Sneferu-Ishtef Excavated from the Old Kingdom Mustafa.

© NARITA Akemi (Aichi University of the Arts Cultural property conservation restoration laboratory),
AHMAD Abd Rabou (The Grand Egyptian Museum Conservation Center),
TANIGUCHI Yoko (University of Tsukuba),
MASUDA Kumi (MASUDA CONSERVATION STUDIO), KOGA Michiko (Conservator),
TAKAHASHI Kaori (Tokyo University of the Arts),
MANSOUR Sayed (The Grand Egyptian Museum Conservation Center),
SHEHATA Mustafa (The Grand Egyptian Museum Conservation Center),
NISHISAKA Akiko (Higashi Nippon International University),
KAMAL Hussein (The Grand Egyptian Museum Conservation Center)

17:40 ~ 18:00 What determines the correct approach in conservation practice?
– using parchment conservation in the UK as an example

© UCHIDA Yuki (The Norfolk Record Office, UK)

18:30 ~ 20:30 A social gathering

2nd day June 23, 2019

8:45 ~ Open

Session VI

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

10:00 ~ 10:20 Restorative Pruning as a Means of Revealing the Intrinsic Value in Gardens:
The Case of Murin-an

© KATO Tomoki (Ueyakato Landscape Co.,Ltd. / Kyoto University of Art and Design),
SAKAUE Tomio (Ueyakato Landscape Co., Ltd.),
DEGUCHI Kenta (Ueyakato Landscape Co.,Ltd)

10:20 ~ 10:40 Revival and utilization of the cultural asset in the provinces
– Reproductive project of Oh-Darumae (picture of Bodhidharma) drawn by
Katsushika Hokusai

© BANNO Tomohiro (Aichi University of the Arts, Institute for Conservation of Cultural Property),
TSUDA Takako (Nagoya City Museum), FUJITA Tetsuya (Aichi University of the Arts) ,
ISOGAI Akiko (Aichi University of the Arts, Institute for Conservation of Cultural Property),
YASUI Ayako (Aichi University of the Arts, Institute for Conservation of Cultural Property),
SAITO Haruka (Aichi University of the Arts, Institute for Conservation of Cultural Property)

10:40 ~ 11:00 Education of conservation for cultural property by including in the exhibition of
contemporary art

© MIYAMOTO Akira (Management of Cultural Property Co.,Ltd),
OYAMA Tatsuaki (Tohoku University of Art and Design Cultural Heritage Conservation Research Center),
IDO Hiroaki (Tohoku University of Art and Design Cultural Heritage Conservation Research Center),
MISE Natsunosuke (Tohoku University of Art and Design),
AIHARA Kenji (Tohoku University of Art and Design),
MIURA Haruko (halken LLP), ABE Maiko (Management of Cultural Property Co., Ltd)

11:00 ~ 11:10 A 10-minute break

11:10 ~ 12:10 General meeting

12:10 ~ 13:10 Lunch break

13:10 ~ 14:10 Poster session

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

Session VII

The chairman: HIDAKA Shingo (National Museum of Ethnology),
ARAI Kei (Tokyo University of the Arts)

14:20 ~ 14:40 Investigation of volatile substances from water damaged cultural assets after
being treated by different drying methods. – problem and solutions –

© OIKAWA Tadashi (Tohoku History Museum), HAGA Ayae (Tohoku History Museum),
MORIYA Aya (Tohoku History Museum), MATSUI Toshiya (University of Tsukuba),
MATSUSHITA Masakazu (Kobe University),
AMANO Masashi (National Museum of Japanese History),
YASUDA Yoko (Tohoku University)

- 14:40 ~ 15:00 Study on selection criteria for emergency measures according to the characteristics of the affected school archives
 ◎ KATO Kazutoshi (Kyushu Historical Museum),
 KOKUSHO Tomoko (Amagi Historical Museum),
 KAWABATA Masao (Asakura City Board of Education),
 OTOFUJI Makoto (Asakura City Board of Education)
- 15:00 ~ 15:20 Preparing for disasters: HENTF's challenges working with first responders and cultural stewards at the federal, state, and local levels
 ◎ HIOKI Kazuko (University of Hawaii Manoa Hamilton Library)
- 15:20 ~ 15:30 A 10-minute break

Session VIII

The chairman: MABUCHI Hajime (National Institutes for Cultural Heritage),
 YOSHIDA Naoto (National Institutes for Cultural Heritage)

- 15:30 ~ 15:50 Research of Temperature Distribution and Pest Habitats in the Shoso Repository
 ◎ TAKAHATA Makoto (Office of the Shosoin Treasure House, Imperial Household Agency),
 NAKAMURA Rikiya (Office of the Shosoin Treasure House, Imperial Household Agency)
- 15:50 ~ 16:10 Control of Green Organisms at Ammonite House in Amakusa City.
 ◎ KUCHITSU Nobuaki (Tokyo National Research Institute for Cultural Properties),
 MORII Masayuki (Tokyo National Research Institute for Cultural Properties),
 YAGINUMA Yukako (Tokyo National Research Institute for Cultural Properties),
 HIROSE Koji (Goshoura Cretaceous Museum)
- 16:10 ~ 16:15 Closing Address

Poster session

1st day June 22, 2019

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- ◆ P001 Study of Owari Shippo glaze handed down in the Tsukamoto Kaisuke Family
© TAKAHASHI Yoshihisa (Tokyo Gakugei University),
SHINMEN Toshiyasu (Tokyo Gakugei University),
MUTO Yukari (Research Center for Japanese Garden Art and Historical Heritage, Kyoto University of Art & Design),
KOBAYASHI Hiromasa (Ama City Shippo Art Village),
NINOMIYA Shuji (Tokyo Gakugei University)
- ◆ P002 Scientific research of glass container excavated from Hakata site- focus on blown glass-
© FURIHATA Junko (Kyoto National Museum), HISA Yoichiro (Fukuoka City Archaeology Center),
INOUE Akiko (Tokai University), SAITO Tsutomu (National Museum of Japanese History)
- ◆ P003 The Painting Techniques with Zinc White used for "Chouu" by YAMAWAKI Hougen
© TAKABAYASHI Hiromi (Kyoto City University of Arts),
WANG Jie (Kyoto City University of Arts), TOGO Yuri (Kyoto City University of Arts),
HAYASHI Shizuka (Kyoto City University of Arts), HINO Saya (Kyoto City University of Arts),
LI Dongqin (Kyoto City University of Arts), SAKAI Toshie (Kyoto City University of Arts),
TACHIBANA Rin (Kyoto City University of Arts), SHIBATA Akiko (Kyoto City University of Arts),
OKADA Maki (Kyoto City University of Arts), TAKENAMI Haruka (Kyoto City University of Arts),
CHI Chihlien (Kyoto City University of Arts)
- ◆ P004 The Color and Chemical Composition of Mineral Pigments used by KONOSHIMA Oukoku
© TAKABAYASHI Hiromi (Kyoto City University of Arts),
CHI Chihlien (Kyoto City University of Arts),
TAGUCHI Hajime (Kyoto Municipal Institute of Industrial Technology and Culture),
SHIMAMURA Tetsuro (Kyoto Municipal Institute of Industrial Technology and Culture)
- ◆ P005 The Coloring Materials used in Graduation Project Paintings at Kyoto City Specialist School of Painting in year 44 in Meiji era (1911)
© CHI Chihlien (Kyoto City University of Arts),
TAKABAYASHI Hiromi (Kyoto City University of Arts)
- ◆ P006 The Mineral Pigments used in the Graduation Project Paintings at Kyoto City School of Arts and Crafts during 1903-1907.
© CHI Chihlien (Kyoto City University of Arts),
TAKABAYASHI Hiromi (Kyoto City University of Arts)
- ◆ P007 Study on the effect of gamma-ray irradiation on natural mineral pigments
© MATSUSHITA Masakazu (Kobe University),
AMANO Masashi (National Museum of Japanese History),
UCHIDA Toshihide (Kyoto University of Art and Design),
FUJITA Kazuhisa (The Graduate School for the Creation of New Photonics Industries),
SAKAI Kouichi (LIHITO.Inc.), FURUTA Masakazu (Osaka Prefecture University)
- ◆ P008 Analysis of the Painting Materials Used in Shibai-e Screens – ekin and sagan –
© MATSUSHIMA Tomohide (Kochi university),
TAKABAYASHI Hiromi (Kyoto City University of Arts), NOZUMI Koichi (Kochi university),
NASU Nozomi (Kochi Prefectural History Folk Museum)

- ◆ P009 Analysis of discolored colorants of Nishiki-e woodblock prints in the Meiji period
 ◎ YAMATO Asuka (Tokyo University of the Arts),
 YAMAGUCHI Takumi (Shizuoka City Tokaido Hiroshige Museum of Art),
 TSUCHIYA Asuka (Hiroshige Museum of Art)
- ◆ P010 A Study of painting materials and painting techniques of Kanazawa College of Art possession "Kayozu Folding Screen"
 ◎ ARAKI Keishin (Kanazawa College of Art), SATO Ichiro (Kanazawa College of Art)
- ◆ P011 Materials and Techniques used in the Scenes from the Life of St. James the Great (The National Museum of Western Art Collection)
 ◎ TAKASHIMA Miho (The National Museum of Western Art),
 MORI Naoyoshi (Mori Art Conservation), SATO Hiroko (Mori Art Conservation)
- ◆ P012 Study on pigments and techniques used for Bernard Buffet's work " la Cite et le Vert-Galant "
 ◎ SHIRAISHI Sayaka (Tokyo Gakugei University), FUKUDA Makoto (Art Conservation Lab.),
 OKAWA Mika (Art Conservation Lab.), KOYANO Masako (Art Conservation Lab.),
 SHINMEN Toshiyasu (Tokyo Gakugei University), NINOMIYA Shuji (Tokyo Gakugei University)
- ◆ P013 The Synthetic Blue that was mentioned in European Medieval Treaties
 ◎ TAKAHASHI Kaori (Tokyo University of the Arts),
 KIJIMA Takayasu (Tokyo University of the Arts)
- ◆ P014 Influence of brass powder pigments on the deterioration of paper
 ◎ KIDA Keiko (Tokyo National Research Institute for Cultural Properties),
 KASHIWAYA Akemi (Japan Art Institute), INABA Masamitsu (Tokyo University of the Arts),
 HAYAKAWA Noriko (Tokyo National Research Institute for Cultural Properties)
- ◆ P015 Green Alteration of Azurite in Wall Paintings: Studies on the Alteration Process by Immersion Test
 ◎ 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)
- ◆ P016 Identification of dyes used in the nishiki with large kara-hana patterns on blue ground for tailoring a biwa lute bag stored in Shosoin
 ◎ NAKAMURA Rikiya (Office of the Shosoin Treasure House),
 TSURU Mami (Office of the Shosoin Treasure House),
 TANAKA Yoko (Office of the Shosoin Treasure House)
- ◆ P017 Colour names and their red dyes in the sample books of textile brought by Chinese ships in the late Edo period
 ◎ SHIMADZU Yoshiko (National Museum of Japanese History)
- ◆ P018 Optimization of Amedashi Technique based on Chemical Analysis ,and Reproduction of Traditional indigo
 ◎ MATSUBARA Ami (Tokyo university of the arts),
 YAMATO Asuka (Tokyo university of the arts)
- ◆ P019 Chemical analysis of lump gum arabic remaining in a paint box from the late Edo period.
 ◎ YAMAUCHI Akira (St.Andrew's University),
 KISO Taro (Osaka Research Institute of Industrial Science and Technology (ORIST)),
 YAMAUCHI Asao (Osaka Research Institute of Industrial Science and Technology (ORIST)),
 TANAKA Sigemitsu (Osaka Research Institute of Industrial Science and Technology (ORIST))

- ◆ P020 **Research on Preparation of Animal Glue**
 ◎ UDAKA Kentaro (Tokyo National Research Institute for Cultural Properties),
 HAYAKAWA Noriko (Tokyo National Research Institute for Cultural Properties),
 FUJII Yuka (Tokyo National Research Institute for Cultural Properties),
 OBA Shinoko (Tokyo National Research Institute for Cultural Properties),
 OKABE Michiko (Tokyo National Research Institute for Cultural Properties),
 KASHIWAYA Akemi (Nihon Bijutsuin)
- ◆ P021 **Changes in viscosity of Gloiopeltis tenax from Goto islands due to extraction condition**
 ◎ AIZAWA Marin (Meiji University Graduate school of Science and Technology),
 Hayakawa Noriko (Tokyo National Research Institute for Cultural Properties),
 Honda Takyuki (Meiji University)
- ◆ P022 **Py-GC/MS and TMAH-GC/MS Analyses of Lipid, Protein and Carbohydrate in Soybean Adhesive**
 ◎ OHASHI Yuka (Tokyo University of the Arts/ Kyushu National Museum),
 INABA Masamitsu (Tokyo University of the Arts),
 TSUKADA Masahiko (Tokyo University of the Arts),
 HAYAKAWA Noriko (Tokyo National Research Institute for Cultural Properties)
- ◆ P023 **Analysis of Steel Parts and its Coating History in Morimura Bridge**
 ◎ NAKAMURA Mai (Tokyo University of the Arts, Graduate School of Fine Arts),
 CHOI Jeongyeon (Japan Cultural Heritage Consultancy),
 KIRINO Fumiyoshi (Tokyo University of the Arts, Graduate School of Fine Arts)
- ◆ P024 **Inference on Reused Materials for bullets from Hachioji Castle by Lead Isotope Ratio Analysis**
 ◎ MIURA Maiko (Research Institute of Cultural Properties, Teikyo University),
 FUJISAWA Akira (Research Institute of Cultural Properties, Teikyo University),
 KANEKO Seiji (Hachioji City Board of Education),
 MURAYAMA Osamu (Hachioji City Board of Education)
- ◆ P025 **Report on production of silk canvas samples and drawing experiments and oil / fat quantitative analysis of silk sample**
 ◎ MORITA Saori (Tohoku University of Art and Design),
 SHIMURA Akira (KATSUYAMA Company,Limited),
 AKIMOTO Shigeko (KATSUYAMA Company,Limited)
- ◆ P026 **Bibliographical classification and tendency of the deterioration of modern paper materials at Chiran Peace museum.**
 ◎ SAKAMOTO Kouta (Chiran Peace Museum), YAMAKI Satoshi (Ciran Peace Museum),
 KATOU Masato (Tokyo National Research Institute for Cultural Properties),
 OHBAYASHI Kentaro (Kyoto University of Art and Design),
 ARIYOSHI Masaaki (Kochi Prefectural Paper Technology Center),
 HONDA Mitsuko (NPO JCP), MATSUO Kaoru (NPO JCP)
- ◆ P027 **A consideration about historical positioning and physical properties of the "Wara-banshi"**
 ◎ ISOGAI Kyohei (Kyoto University of Art and Design Master's Course),
 OBAYASHI Kentaro (Kyoto University of Art and Design)
- ◆ P028 **Water retention characteristics of absorbed papers**
 ◎ HAYASHI Mikiko (Tokyo National Research Institute for Cultural Properties),
 SANO Chie (Tokyo National Research Institute for Cultural Properties)

- ◆ P029 Strengthening process of highly-deteriorated acidic paper using fine cellulose fiber coating
 ◎ TANAKA Yuki (Tokyo University of Agriculture and Technology),
 OKAYAMA Takayuki (Tokyo University of Agriculture and Technology),
 KOSE Ryota (Tokyo University of Agriculture and Technology),
 SEKI Masazumi (Hirose Paper Mfg. Co., Ltd.), SONODA Naoko (National Museum of Ethnology)
- ◆ P030 Near infrared hyperspectral imaging of adhesive on ceramic and varnish on printed material
 ◎ SUGAWARA Shigeru (National Research Institute of Police Science),
 SUGISAKI Sahoe (Fukushima Museum), NAKAYAMA Yoshihiko (Aoi Electronics Co.Ltd),
 TANIGUCHI Hideya (Aoi Electronics Co.Ltd), ISHIMARU Ichiro (Kagawa University)
- ◆ P031 Research of duplicated gilt bronze statue of the Buddha using 3D measurement technique.
 ◎ OKAMOTO Atsushi (OTEMAE UNIVERSITY Institute of History),
 SUGISAKI Takahide (TEZUKAYAMA university)
- ◆ P032 A study on Measurement of “Yasuda Zenjiro” portrait sculpture by Kitamura Sikai Using Folding Scale, and Outdoor Sculptures Condition
 ◎ HOSAKA Ryoko (Musashino Art University)
- ◆ P033 Practice and Evaluation of Digital Photogrammetry of Buddhist Statue in Nara Prefecture
 ◎ YAMADA Osamu (Graduate School of Fine Arts, Tokyo University of the Arts),
 KAGAMIYAMA Satoko (Nara Prefecture), KANDA Masaaki (Ryukoku University)
- ◆ P034 The research of 3D motion analysis about the movement of the tools during the first backing procedure
 ◎ OKA Iwataro (Oka Bokkodo Co., Ltd.), GOTO Akihiko (Osaka Sangyo University),
 TAKAI Yuka (Osaka Sangyo University), KIYOI Shingo (Osaka Sangyo University)
- ◆ P035 A Suggestion for Reducing the Damage caused by Hinge's corners
 ◎ SETOYUCHI Kei (Cultural Property Conservator)
- ◆ P036 Conservation Report on "Hannya the demon" (painting on silk, hanging scroll) drawn by Sasaki Sengen, the National Gallery of Victoria
 ◎ ODA Momoko (Tokyo National Research Institute for Cultural Properties),
 WON Heejae (Tokyo National Research Institute for Cultural Properties),
 KATO Masato (Tokyo National Research Institute for Cultural Properties),
 KIMISHIMA Takayuki (SHUGO Co., Ltd.), SHIRAI Keita (SHUGO Co., Ltd.)
- ◆ P037 Improving Efficiency and Accuracy in Large-Scale Material Restoration with Manual Procedures: Through the Restoration of the Original Script of Tokiwazu-bushi
 ◎ UNO Shigeo (Kyoto City University of Arts)
- ◆ P038 The conservation of Okoshi-ezu: Documents relating to daikugashira the Nakais.
 ◎ SAMI Yoshiyuki (Sakata Bokujudo Co., Ltd.), SHIMIZU Chihiro (Sakata Bokujudo Co., Ltd.)
- ◆ P039 Structural analysis of Binder 17 used in conservation and restoration of Archaeological remains after UV degradation test
 ◎ WATANABE Yurino (Graduate School of Science and Technology, Meiji University),
 Honda Takyuki (Meiji University)

- ◆ P040 Trials and working environment assessment using gel containing organic solvent to removing oil stains on wooden surfaces
 ◎ FUJII Yuka (Tokyo National Research Institute for Cultural Properties),
 HAYAKAWA Noriko (Tokyo National Research Institute for Cultural Properties),
 YAMAMOTO Noriko (The Association for Conservation of National Treasures),
 SANO Chie (Tokyo National Research Institute for Cultural Properties)
- ◆ P041 Various recipes of wax-resin for lining used in Japan and the fundamental research to retreat paintings lined with it
 ◎ KUNIKATA Saki (Conservation Course Oil Painting Laboratory, Graduate Department of Conservation, Graduate School of Fine Arts, Tokyo University of the Arts.) ,
 KIJIMA Takayasu (Tokyo University of the Arts)
- ◆ P042 Treatment report of Ryusei Kishida's 3 paintings
 – Consideration of varnish removal for Japanese modern art –
 ◎ HAZE Hiroshi (Haze Painting Studio)
- ◆ P043 Investigation on cleaning method for gummy dirt materials covering surface of an acrylic painting
 ◎ KATAGIRI Mikako (Toyo Institute of Art and Design),
 SANADA Sae (Toyo Institute of Art and Design),
 ONO Shinnosuke (Toyo Institute of Art and Design),
 MATSUDA Yasunori (Toyo Institute of Art and Design)
- ◆ P044 Flattening and making new stretcher for the large-scale contemporary painting stored with keeping rolled; the case study of IMAI Toshimitsu, "Hommage to Venice Wave"
 ◎ AIZAWA Kunihiro (Hyogo Prefectural Museum of Art)
- ◆ P045 A study of the treatment method for white surface haze in the contemporary art ;
 Case study of paintings by Kazuo Shiraga
 ◎ INOUE Kanako (Hyogo Prefectural Museum of Art),
 AIZAWA Kunihiro (Hyogo Prefectural Museum of Art),
 TSUKADA Masahiko (Tokyo University of the Arts Graduate School)
- ◆ P046 Research on the metal nail puller technique using the thermal expansion
 ◎ ONISHI Tomohiro (LLC Onishi lacquer art restoration studio),
 MATSUI Toshiya (University of Tsukuba)
- ◆ P047 Scientific Investigation of Ryukyu lacquerwares made by the Hakue technique
 ◎ YAMABUKI Midori (Tokyo National Research Institute for Cultural Properties),
 KURASHIMA Reo (Tokyo National Research Institute for Cultural Properties),
 INUZUKA Masahide (Tokyo National Research Institute for Cultural Properties),
 HAYAKAWA Yasuhiro (Tokyo National Research Institute for Cultural Properties),
 KOBAYASHI Koji (Tokyo National Research Institute for Cultural Properties)
- ◆ P048 Analysis and conservation of the Hina miniature Sagejyu Picnic Box with design of peony crest and pine-scroll in makie lacquer, owned by Tensho-in Atsuhime, wife of Tokugawa 13th Shogun Iemochi married on 1856, collection Tokugawa Memorial Foundation.
 ◎ KOIKE Tomio (Tsurumi University),
 WATANABE Yuka (Research Student at Graduate School of Tsurumi University),
 NOGUCHI Asuka (Graduate School of Tsurumi University)

- ◆ P049 **The repair report of wooden statue of Sitting Dainichi Nyorai, Shouden-an 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),
 TOKANAI Fuyuki (Analysis of mass of Yamagata University high sensitivity accelerator center),
 KOBAYASHI Akira (Kyushu Historical Museum)

- ◆ P050 **Study on the material of insect damage in wooden sculpture**
 ◎ FUJIMAGARI Takaya (Graduate School of Conservation,Tokyo University of the Arts),
 KOBAYASHI Momoyo (Graduate School of Conservation,Tokyo University of the Arts),
 ZHU Ruolin (Graduate School of Conservation,Tokyo University of the Arts),
 NAKAMURA Mio (Graduate School of Conservation,Tokyo University of the Arts)

- ◆ P051 **Cleaning with ultrafine bubbles - Focusing on cleaning of large stone products**
 ◎ YAMADA Takashi (Gangoji institute for research of cultural property),
 AMENOMORI Hisateru (Gangoji institute for research of cultural property),
 KANAYAMA Masako (Gangoji institute for research of cultural property),
 OODAIRA Takeshi (The Institute for Solid State Physics, The University of Tokyo)

- ◆ P052 **Study of Adhesive Method used for Ceramic Restoration**
 ◎ ZHANG Li (Tokyo University of the Arts), KITANO Mariko (Tokyo University of the Arts),
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- ◆ P053 **Use of Agarose gel for treating albumen prints**
 ◎ SHIRAIWA Yoko (Shiraiwa Conservation Studio),
 YAMAGUCHI Takako (Tokyo Photographic Art Museum)

- ◆ P054 **Remedial Conservation measures of Ini-Sneferu-Ishtef, wall paintings from the Old Kingdom Mustafa in the Grand Egyptian Museum Conservation Project**
 ◎ TANIGUCHI Yoko (University of Tsukuba), MASUDA Kumi (Masuda Conservation Studio),
 NARITA Akemi (Aichi University of the Arts), KOGA Michiko (Conservator),
 NISHISAKA Akiko (Higashi Nippon International University),
 MANSOUR Sayed (Grand Egyptian Museum Conservation Center),
 SHEHATA Mustafa (Grand Egyptian Museum Conservation Center),
 KAMAL Hussein (Grand Egyptian Museum Conservation Center)

- ◆ P055 **Grand Egyptian Museum Joint Conservation Project on the Conservation and Technical Analysis of Tutankhamun's Costume.**
 ◎ SHIBATA Mina (Architect), ISHII Mie (Saga University Faculty of Art and Regional Design),
 YOKOYAMA Midori (NHK Cultural Center Saitama),
 IMAN Ngaty (The Grand Egyptian Museum Conservation Center),
 MOHAMED Ayad (The Grand Egyptian Museum Conservation Center),
 NAGMEL Deen Hamza (The Grand Egyptian Museum Conservation Center),
 HUSSEIN Kamal (The Grand Egyptian Museum Conservation Center)

- ◆ P056 **The Study Research for the Conservation of Mural Paintings in the Tomb of Khonsuemheb**
 ◎ MAEKAWA Yoshifumi (Tokyo National Research Institute for Cultural Properties),
 MURPHY Daniela (Associazione Bastioni),
 FRANCESCHINI Stefania (Associazione Bastioni), KONDO Jiro (Waseda Univerrcity),
 KAWAI Nozomu (Kanazawa University)

- ◆ P057 Consideration of expression technique about "Prajnaparamita" from three-storied pagoda of Alchi Choskhor Gumpa in Ladakh region of INDIA. – Possibility of the utilization of the practical archive study of Photographer INOUE TAKAO's works –
 ◎ SHOGAKI Masako (Nara college of Arts), YAMASHITA Kohei (Kyoto City University of Arts), KASUYA Makoto (Kyoto City University of Arts), KASUYA Akiko (Kyoto City University of Arts)
- ◆ P058 The study research on conservation of mural paintings in Bagan Archaeological Site, Myanmar – The comparative study of mural paintings between the Pagan dynasty and the revival period –
 ◎ SHIGIHARA Yumi (Tokyo National Research Institute for Cultural Properties), MAEKAWA Yoshifumi (Tokyo National Research Institute for Cultural Properties), KYI Lin (Department of Archaeology and National Museum, Ministry of Religious Affairs and Culture, Republic of the Union of Myanmar)
- ◆ P059 Restoration Project of Excavated Articles of Mes Aynak Archaeological Site
 ◎ KIJIMA Takayasu (Tokyo University of the Arts), HIDAKA Midori (Tokyo University of the Arts), YASUDA Mamiko (Tokyo University of the Arts), TAKAHASHI Kaori (Tokyo University of the Arts), SUZUMURA Atsuo (Tokyo University of the Arts), IYOKU Asahi (Tokyo University of the Arts), GHAFARI Islamuddin (National Museum of Afghanistan), HANIFI M Ghufuran (National Museum of Afghanistan), HAKIMZADA Abdullah (National Museum of Afghanistan), COLOMBO Fabio (Conservator)
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 ◎ MATUMOTO Ken (The Institute for Cultural Studies of Ancient Iraq), ONO Isamu (Kokushikan university), NISHIURA Tadateru (The Institute for Cultural Studies of Ancient Iraq)
- ◆ P061 Materials Used for Copper Alloy Objects Excavated from Aigyrzhal 3 Site in the Kyrgyz Republic and Their Distribution
 ◎ FUJISAWA Akira (Research Institute of Cultural Properties, Teikyo University), KUME Shogo (Tokyo University of the Arts), ABDYKANNOVA Aida (American University of Central Asia), AKMATOV Kunbolot (Kyrgyz-Turkish Manas University), SOLTOBAEV Orobek (Kyrgyz National University), TABALDIEV Kubatbek (Kyrgyz-Turkish Manas University)

- ◇ P062 Study of the Establish for Network of Cultural Heritage Disaster Risk Mitigation in Kanto-Koshin-Etsu Region.
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- ◇ P070 Conservation of suffered heritages from the Korean dynasty: a consideration through reproduction of portrait of the founder , Lee Seong-gye
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 KIM Seolhwa (Toyo Institute of Art and Design), ONO Shinnosuke (Toyo Institute of Art and Design)
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 ◎ YOSHIDA Naoto (National Center for the Promotion of Cultural Properties, National Institutes for Cultural Heritage) ,
 MABUCHI Hajime (National Center for the Promotion of Cultural Properties, National Institutes for Cultural Heritage),
 KOBAYASHI Maki (National Center for the Promotion of Cultural Properties, National Institutes for Cultural Heritage),
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- ◇ P072 Activities of Joint-Use Facilities for Scientific Research in National Museum of Ethnology, Osaka
 ◎ HASHIMOTO Sachi (National Museum of Ethnology),
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 ◎ OKADA Yasushi (Wooden sculpture cultural properties conservation laboratory),
 ADACHI Shuichi (Wooden sculpture cultural properties conservation laboratory),
 ISHII Noriko (Shirataka town board of education)
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 ◎ MIURA Kumiko (Denseisya) , SHIMANE Ryuich (Denseisya),
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 ◎ KITAMURA Shigeru (URUSHI artist),
 UEKUBO Ryoji (Association for Successors of Traditional Preservation Techniques),
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 HIGASHINO Suzuna (KOEI-DO Company Limited),
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 ◎ KAKITA Yoshinori (Tohoku university of art and design),
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 ◎ SAITO Shiori (Tohoku University of Art & Design),
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 ◎ WATANABE Ikuo (Art Restoration Studio 21), KIRIU Satoshi (Art Restoration Studio 21),
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 MIYAZAKI Yasuaki (Art Restoration Studio 21), MURAYAMA Hiroki (Art Restoration Studio 21),
 ARIMURA Mari (Art Restoration Studio 21), TOMIYAMA Keisuke (Art Restoration Studio 21)

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 HIRAGA Amana (Tokyo Institute of Technology)
- ◇ P088 A study on the conservation and the restoration of passed down to Toyotomi Hideyori, which is for the children's furisode, long-sleeved kimono ,with plants and dew designed on red nerinuki ground belonged to Kyoritsu Women's University Museum Collection
 ◎ TANAKA Yoshie (Kyoritsu Womenn's University), GOTO Sumiko (Kyoritsu Womenn's University),
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◎ OE Katsuki (Preparatory Office for National Ainu Museum),
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 FUKUOKA Tadashi (The Japanese Association for Conservation of Architectural Monuments)

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 SATO Yoshinori (Tokyo National Research Institute for Cultural Properties),
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 MATSUDA Yasunori (Toyo Institute of Art and Design)

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 ◎ YAMAHANA Kyoko (Tokai University, School of Cultural and Social Studies, Department of Asian Civilizations),
 MIYAZAWA Yasuyuki (Tokai University, School of Engineering, Department of Materials Science),
 SATO Honami (Tokai University, Graduate School of Science and Technology)
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 ◎ KUMAZAWA Yuki (Nippi Research Institute of Biomatrix),
 HATTORI Shunji (Nippi Research Institute of Biomatrix),
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 ◎ TAKAHASHI Kyoko (Osaka university Co-Creation Bureau/Museum of Osaka University/Graduate School of Pharmaceutical Sciences),
 TAKAURA Kayoko (Museum of Osaka University),
 OGURI Kazuki (Graduate School of Pharmaceutical Sciences, Osaka University),
 UEDA Naomi (Gangoji institute for research of cultural property),
 AMENOMORI Hisateru (Gangoji institute for research of cultural property)
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 ◎ TAKAURA Kayoko (The Museum of Osaka University / Graduate School of Pharmaceutical Sciences, Osaka University),
 TAKAHASHI Kyoko (Osaka University Co-Creation Bureau/The Museum of Osaka University / Graduate School of Pharmaceutical Sciences),
 KUNIMI Erika (School of Pharmaceutical Sciences, Osaka University),
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 The disaster control survey subcommittee