

# Program

## August 10th (Thu.)

<b>Participant Reception</b>	<b>15:00 - 18:00</b>
<b>Working Group</b>	<b>18:00 - 20:00</b>

## August 11th (Fri.)

<b>Participant Reception</b>	<b>8:15 - 9:00</b>
<b>Opening Ceremony</b>	<b>9:00 - 9:45</b>

<b>Keynote Speech</b>	<b>9:45 - 11:15</b>	<b>Title</b>	<b>Presenter</b>	<b>Affiliation</b>	<b>Chairperson</b> DU Xiaofan
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Commemoration for the contribution of Mr. Shoulin LU for conservation of cultural heritage in East Asia 纪念陆寿麟先生为东亚文化遗产保护做出的贡献			QU, Liang 曲亮	The Palace Museum 故宫博物院	
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Utilization of buried cultural properties excavated and investigated in downtown Seoul 서울특별시 도심부의 발굴조사된 매장문화재의 활용			WI Koang-chul 위광철 (魏光徹)	Hanseu University 한서대학교 (韓瑞大學校)	
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The History, Present Situation and Future of "The Society for Conservation of Cultural Heritage in East Asia" 東アジア文化遺産保存学会の歴史、現状、未来			NISHIURA Tadataeru 西浦 忠輝	Kokushikan University 国士舘大学	
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<b>Session I</b>	<b>11:15 - 12:15</b>	<b>Title</b>	<b>Presenter</b>	<b>Affiliation</b>	<b>Chairperson</b> WANG Shiwei, WAKIYA Soichiro
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Research on Proteomics Analysis Method of Ancient Skins and Leathers — Taking Shadow Puppet and Vegetable Tanned Leather as Examples 皮质文物的蛋白质组学分析方法研究—以植鞣皮革和皮影为例			ZHANG, Muzi 张木子	Shandong University 山东大学	
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Study on Environmental Analysis and Conservation Measures for Archaeological Sites in Cold and Snowy Areas -A Case Study of the Washinoki Archaeological Site in Morimachi, Hokkaido- 積雪寒冷地の遺跡の環境解析と保存対策に関する研究 —北海道森町鷲ノ木遺跡を事例として—			ISHIZAKI Takeshi 石崎 武志	Tohoku University of Art and Design 東北芸術工科大学	
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Research on the Scientific, Technological, and Engineering Values of Industrial Heritage from the Perspective of the History of Technology 技术史視野下の工業遺産科学、技术和工程价值研究			WANG, Dongdong 王冬冬	University of Science and Technology Beijing 北京科技大学	
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Reverse design strategies of high-performance materials for heritage conservation: a case study of the waterlogged ancient ivory excavated from Sanxingdui site 文物保护材料的逆向设计 —以三星堆出土饱水象牙加固为例			CHEN, Jiachang 陈家昌	Henan Provincial Institute of Cultural Heritage and Archaeology 河南省文物考古研究院	
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<b>Lunch Time</b>	<b>12:15 - 13:00</b>
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<b>Poster Session &amp; Company Exhibition</b>	<b>13:00 - 14:00</b>
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<b>Session II</b>	<b>14:00 - 14:45</b>	<b>Title</b>	<b>Presenter</b>	<b>Affiliation</b>	<b>Chairperson</b> HAN Kyeongsoon, LI Li
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Development of alternative technology for fumigation using radiation for emergency preservation in response to disasters in cultural heritage 동산문화재 재해-재난 대응 응급 보존처리를 위한 방사선 활용 혼중 대체기술 개발			PARK Haejun 박해준 (朴海準)	Korea Atomic Energy Research Institute 한국원자력연구원 (韓國原子力研究院)	
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Microbial Contributions to Research on Stone Cultural Heritage and Protection 微生物在石质文化遗产保护研究中的作用			GU, Jidong 顾继东	Guangdong Technion – Israel Institute of Technology 广东以色列理工学院	
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A study on the activity detection and telemonitoring technology for termites invading wooden architecture 목조건축문화재 가해 흰개미의 활성 탐지 및 원격 모니터링 기술 연구			CHUNG Yongjae 정용재 (鄭容在)	Korea National University of Cultural Heritage 한국전통문화대학교 (韓國傳統文化大學校)	
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<b>Session III</b>	<b>14:45 - 15:30</b>	<b>Title</b>	<b>Presenter</b>	<b>Affiliation</b>	<b>Chairperson</b> LEE Taejong, KATAOKA Taro
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Analysis and interpretation of ancient biomolecules using stable isotope analysis 안정동위원소 분석을 활용한 고생체분자 분석 및 해석			KANG Soyeong 강소영 (姜素英)	National Research Institute of Cultural Heritage, KOR 국립문화재연구원 (國立文化財研究院)	
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Application of X-ray CT and other non-destructive inspection techniques to Ainu ethnic materials X線CTを中心とした非破壊検査技術のアイヌ民族資料への応用			OE Katsuki 大江 克己	National Ainu Museum 国立アイヌ民族博物館	
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A Study on Conservational Scientific Application of Image Analysis and Modeling Technologies of X-ray CT X-선 CT 영상분석과 모델링 기술의 보존과학적 활용 방안 연구			JO Younghoon 조영훈 (曹永勳)	Kongju National University 공주대학교 (公州大學校)	
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<b>Coffee Break</b>	<b>15:30 - 15:45</b>
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Session IV	15:45 - 16:30	Title	Presenter	Affiliation	Chairperson AKIYAMA Junko, LEE Hwasoo
Global Interactions Relating to Materials and Techniques Across Northeastern Asia as Seen in Decorative Sword Fittings from Okhotsk Tombs at the Menashidomari site in Esashi, Hokkaido			TAKABATAKE Takamune	Okhotsk Museum Esashi	
目梨泊遺跡（北海道枝幸町）出土オホーツク文化期の刀装具の技法材料分析からみえる北東アジアのグローバル交易			高畠 孝宗	オホーツクミュージアムえさし	
An Interpretation of Archaeological Chemistry on Glass Beads from Ancient Gaya in Korea			KIM Euna	Kongju National University	
고대 가야 유리구슬의 고고학적 해석			김은아 (金銀我)	공주대학교 (國立公州大學校)	
Research on the Utilization of Cultural Properties at a Unique Venue – Utilization Science Research –			MATSUI Toshiya	University of Tsukuba	
文化財を活用したユニークベニューにおける科学調査 –活用科学のための調査報告–			松井 敏也	筑波大学	

Short Speech by Young Researchers	16:30 - 17:00	Title	Presenter	Affiliation	Chairperson Chen Jiachang, JO Younghoon
Analysis of Structural Diseases and Protective Damage of Architectural Murals: Taking Fengguo Temple in Yixian County of Liaoning Province as an Example			HE Yuan	School of Cultural Heritage, Northwest University	
建筑壁画结构性病害与保护性损害问题浅析: 以辽宁义县奉国寺为例			贺源	西北大学文化遗产学院	
SWIR Hyperspectral Image Analysis of Mural Painting in Josadang Shrine of Buseoksa Temple in Korea			YOO Jihyun	National Research Institute of Cultural Heritage, KOR	
부석사 조사당 벽화의 SWIR 초분광 영상 분석			유지현 (柳志顯)	국립문화재연구원 (韓國國立文化財研究院)	
Electrochemical Desalination Test of Historical Bricks in Japan			FUKAMI Risako	Institute of Technology, Shimizu Corporation	
電気化学的脱塩工法を用いた日本の歴史的煉瓦の脱塩への試み			深見 利佐子	清水建設株式会社技術研究所	
The Study on Classification of Water Damage in Chinese Grottoes			WANG Yanwu	Dunhuang Academy	
石窟寺水害及其类型研究			王彦武	敦煌研究院	
Reliability Evaluation of 3D Output Packaging			OH Seungjun	Hanseo University	
3D 출력 포장재의 신뢰성 평가			오승준 (吳承俊)	한서대학교 (韓瑞大學校)	
Study on conservation and exhibition of wall paintings in cultural properties - Investigation of the relationship between temperature and humidity changes and warping of sliding doors-			IZUKURA Shiori	Kyoto University	
文化財建造物における障壁画の保存・公開環境に関する研究 –温湿度環境に起因する戸襖の反りメカニズムの検討–			伊豆蔵 菜莉	京都大学大学院	

<b>Working Group Briefing Session</b>	<b>17:00 - 17:30</b>				<b>Chairperson: MATSUI Toshiya</b>
<b>Welcome Dinner</b>	<b>18:30 - 20:00</b>	<b>at Keio Plaza Hotel</b>			

**August 12th (Sat.)**

<b>Participant Reception</b>	<b>8:30 - 9:00</b>				
Session V	9:00 - 9:45	Title	Presenter	Affiliation	Chairperson FU Qingyuan, OKUYAMA Masayoshi
Mechanism in the Changes of Cell Wall Structure and Cell Morphology of Waterlogged Archaeological Wood during the Water Movement			GUO, Juan	Research Institute of Wood Industry, Chinese Academy of Forestry	
水分迁移过程中饱水考古木材细胞壁及细胞形态演变机制			郭娟	中国林业科学研究院木材工业研究所	
Effectiveness of trehalose impregnation treatment methods on excavated objects from underwater sites: conservation techniques for the bulkhead plates of Mongolian shipwrecks			ITO Kouji	Tohoku University of Art and Design	
海底遺跡出土遺物へのトレハロース含浸処理法の有効性 –元冠沈船隔壁板の保存技術–			伊藤 幸司	東北芸術工科大学	
Study on the Processing Technology and Restoration of Sorghum Straw Roof with Three-Planes Type			Ji, Lifang	The Palace Museum	
真枋子三錠式林秸杆顶棚制作工艺及修复研究			纪立芳	故宫博物院	
Session VI	9:45 - 10:15	Title	Presenter	Affiliation	Chairperson KATO Masato, PARK Chisun
Changes in restoration technology from the viewpoint of conservation and restoration of the Dai-nehan-zu (large Nirvana painting) in Tofukuji Temple			KIM Minjung	Shubi Co.,Ltd	
東福寺所蔵 紙本着色大涅槃図の保存修理から見た修理技術の変遷			金 旻貞	株式会社 修美	
A Study on the Paper Hand-making Technique of UNESCO Memory of the World Seungjeongwon Diary Using Fiber Orientation Analysis			HAN Yoonhee	Myongji University	
섬유배향성 분석을 이용한 유네스코 세계기록유산 승정원 일기의 조지기술에 관한 연구			한윤희 (韓允熙)	명지대학교 (明知大學)	
<b>Coffee Break</b>	<b>10:15 - 10:30</b>				

Session VII	10:30 - 11:15	Title	Presenter	Affiliation	Chairperson CHUNG Yongjae, LIANG Honggang
A Study on the Quality Standard of Korean Paper for Repair and Restoration of Paper Cultural Heritage in Korea - Evaluation of material stability by artificial accelerated aging test method-			JEONG Seonhwa	National Research Institute of Cultural Heritage, KOR	
한국 지류문화재 보수·복원용 한지의 품질기준 연구 - 인공속진열화시험법에 의한 재질안정성 평가 -			정선화 (程仙花)	국립문화재연구원 (韓國國立文化財研究院)	
Efforts to make repair paper for old albumen photograph			UTSUNOMIYA Masaki	Nara University, Shubi Co.,Ltd	
古写真(鶏卵紙)における補修紙製作の取り組み			宇都宮 正紀	奈良大学、株式会社 修美	
Scientific analysis and fading study of dyes in textile objects			GUAN, Ming	The Palace Museum	
纺织品文物染料的科学分析与褪色研究			关明	故宫博物院	
Session VIII	11:15 - 12:00	Title	Presenter	Affiliation	Chairperson CHO Namchul, GUO Hong
Deterioration of the Northwest Exedra walls due to precipitation of salt mixture in Hagia Sophia, Istanbul			MIZUTANI Etsuko	Tokyo National Research Institute for Cultural Properties	
ハギア・ソフィア大聖堂北西エクセドラの複合塩による壁面の劣化			水谷 悦子	東京文化財研究所	
Manufacturing techniques and properties of materials of the Mural Paintings of Payathonzu Temple in Bagan, Myanmar			LEE Hwasoo	Konkuk University	
미얀마 바간 파야톤주 사원 벽화 재료 특성 및 제작 기법			이화수 (李華樹)	건국대학교 (建国大学)	
Application of LIBS technique in Analyzing of Wall Paintings in Dunhuang Mogao Grottoes			YU, Zongren	Dunhuang Academy	
LIBS技术在敦煌壁画颜料分析中的应用研究			于宗仁	敦煌研究院	
<b>Lunch Time</b>	<b>12:00 - 13:00</b>				
<b>Poster Session &amp; Company Exhibition</b>	<b>13:00 - 14:00</b>				
Session IX	14:00 - 14:45	Title	Presenter	Affiliation	Chairperson PARK Junghyeok, AKADA Masayoshi
Study on the Dancheong Techniques Using Traditional Pigments and Adhesives			LEE Hanhyoung	Korea National University of Cultural Heritage	
전통안료와 접착제를 이용한 단청시공기법 연구			이한형 (李漢亨)	한국전통문화대학교 (韓國傳統文化大學校)	
On the traditional base layer used in Mongol Zurag painting			ODKHUU Angaragsuren	Administration of the World Heritage-Orkhon Valley Cultural Landscape, National library of Mongolia	
モンゴル画に用いられる伝統的な下地について			アンガラングスレン・オドフ	世界遺産オルホン渓谷文化遺産事務所、モンゴル国立図書館	
Scientific Investigation and Conservation Treatment of the Mural Painting in <i>Josadang Shline of Busseoksa Temple</i>			JEONG Hyeyoung	National Research Institute of Cultural Heritage, KOR	
부석사 조사당 벽화의 과학적 조사 및 보존처리			정혜영 (鄭惠泳)	국립문화재연구원 (韓國國立文化財研究院)	
Session X	14:45 - 15:45	Title	Presenter	Affiliation	Chairperson WANG Liping, OGURA Daisuke
Critical issues in grotto rock mass stability predication and its conservation technology of China grottoes			LI, Li	China Academy of Cultural Heritage	
石窟寺岩体稳定性预测与加固技术的关键问题及研究进展			李黎	中国文化遗产研究院	
Basic study on stone surface exfoliation caused by wetting-drying cycles - Quantification of stone strain by Digital Volume Correlation-			WAKIYA Soichiro	Nara National Research Institute for Cultural Properties	
乾湿繰り返しによって引き起こされる石材表面剝離現象に関する基礎的検討—画像相関法による乾湿時の石材ひずり定量化の試み—			脇谷 草一郎	奈良文化財研究所	
Research on cracking mechanism of Helankou rock art sandstone			DU, ZhiYan	Department of Cultural Heritage and Museology at Fudan University	
贺兰口岩画砂岩表层开裂损伤机理研究			杜之岩	复旦大学 文物与博物馆学系	
Study of Important Stone Cultural Heritage for Original Form through Scientific Conservation Treatment			LEE Taejong	National Research Institute of Cultural Heritage, KOR	
중요 석조문화유산의 과학적 보존처리를 통한 원형보존 고찰			이태종 (李泰鍾)	국립문화재연구원 (韓國文化財研究院)	
<b>Coffee Break</b>	<b>15:45 - 16:00</b>				
Session XI	16:00 - 16:30	Title	Presenter	Affiliation	Chairperson UEDA Naomi, TIE Fude
The On-Site Conservation Measures of the Serpentine Sword and the Shield-Shaped Bronze Mirror with Daryu Design Excavated from Tomio Maruyama Tumulus (Nara pref.): From Discovery to Retrieval			KAWASAKI Emi	Archaeological Institute of Kashihara, Nara Prefecture	
奈良県富雄丸山古墳出土蛇行剣と甕龍文盾形銅鏡の保存措置について—発見から取り上げまで			河崎 衣美	奈良県立橿原考古学研究所	
Study on the application of inhibitor technique in the cleaning of iron artifacts			ZHANG, Yue	Nanjing Museum	
铁质文物清洗体系中的缓蚀技术研究			章月	南京博物院	

Short Speech by Young Researchers	16:30 - 17:00	Title	Presenter	Affiliation	Chairperson HAGA Ayaе, OH Seungjun
Technology research and deterioration assessment of painted figurines unearthed from Astana-Karakhoja Cemetery 阿斯塔那—哈拉和卓古墓群出土彩绘人俑工艺研究与病害评估			LI Guanghua 李广华	The Palace Museum 故宫博物院	
Identification of Pigments and Estimation of the Manufacturing Process Used for Painting Pottery Towers in the Han Dynasty 한나라시대 명기(明器)에 채색된 안료의 동정 및 제작과정 추정			GO Inhee 고인희 (高仁姬)	Institute for Cultural Heritage and History of Science & Technology, University of Science and Technology Beijing 北京科技大学科技史与文化遗产研究院	
Mechanism of trehalose method and its optimum conditions examined from crystal growth 木材への濡れ性と結晶化効率から見たトレハロース処理法の有効性に関する検討			XIAO Shuyin 肖舒尹	Kyoto University 京都大学大学院	
Research on the mechanism of brittle curling disease, restoration and protection of gelatin paper-based photographs 明胶纸基历史照片脆性化卷曲机理及修复保护应用研究			Liu Jiaojiao 刘姣姣	Institute of Culture and Heritage, Northwestern Polytechnical University 西北工业大学文化遗产研究院	
A Study on the Mineralogical Characteristics of Copper green pigments Identified in ancient Dancheong and Reproduced Copper green pigments Manufactured by Salt corrosion method 고(古)단청에서 확인된 동록(銅綠) 안료와 염부식법으로 제조한 재현 동록 안료의 광물학적 특성연구			MUN Seongwoo 문성우 (文誠寓)	National Research Institute of Cultural Heritage, KOR 국립문화재연구원 (韓國國立文化財研究院)	
Utilization of woods to build pit-dwellings unearthed in the archeological sites of central part of Hokkaido in ca.10th century 約10世紀の北海道中央部の遺跡で発見された竪穴住居址にみられる木材利用			KONDO Kanoko 近藤 佳乃子	Graduate School of Agriculture, Hokkaido University 北海道大学農學院	
<b>General Meeting &amp; Closing Ceremony</b>	<b>17:00 - 17:30</b>				<b>Chairperson: DU Xiaofan</b>
<b>Farewell Dinner</b>	<b>18:30 - 20:00</b>	<b>at Sapporo Beer Garden</b>	<b>for Foreigner and Person related to the Administration</b>		

#### August 13th (Sun.)

<b>Excursion for Foreigner</b>	<b>9:00 - 18:00</b>	<b>to National Ainu Museum &amp; Kiusu Earthwork Burial Circles (Jomon Prehistoric Sites in Northern Japan)</b>			
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#### August 13th (Sun.)

<b>Open Lecture for Citizen</b>	<b>13:00 - 17:00</b>			
中国における農村の文化的景観 中国的乡村文化景观 The Cultural Landscape of Rural China		杜 晓帆 DU Xiaofan	中国 復旦大学 教授 Fudan University	
焼損した韓国国宝第1号の崇礼門の復旧とその後 불탄 승례문의 복구, 그 이후 Restoration of Burnt out Sungnyemun Gate, After that		강대일 (姜 大一) KANG Dai-III	韓國 伝統文化大学校 前教授 Korea National University of Cultural Heritage	
( Break )				
ユネスコ世界遺産「北海道・北東方区の縄文遺跡群」について ～北海道の構成資産を中心として～ Stories of the UNESCO World Heritage "Jomon Archaeological Sites in Northern Japan" - Focusing on Sites in Hokkaido		阿部 千春 ABE Chiharu	北海道 縄文世界遺産推進室 Jomon World Heritage Promotion Office, Hokkaido Government	