

**International Joint Digital Archiving Center for Japanese Art and Culture  
(ARC-iJAC)**

**& "Digital Humanities Center for Japanese Arts and Cultures"-Project,  
Art Research Center, Ritsumeikan University**

**FY2023 Annual Report Meeting**

Date : Friday, February 23, 11:00-17:40 (JST) Saturday, February 24, 10:30-17:00 (JST)

Venue : Hybrid [On site @ARC ]+ [Online via Zoom]

\*\*\* Presentations marked with ★ are available via YouTube live stream

**Fri. February 23, 2024**

11:00-11:05 **Opening remarks** Koichi HOSOI, Professor, College of Image Arts and Sciences, RU

**Report Session/"Digital Humanities Center for Japanese Arts and Cultures"-Projects  
(20 mins. each incl. Q&As)**

- 11:05-11:25 **1. Visual Culture Studies in the Domestic Sphere Utilizing ARC Databases ★**  
Project Leader: Naomi KAWASUMI, Professor, College of Letters, RU  
Presenter : Tomoko ISHIMATSU, M1, Graduate School of Letters, RU  
Presenter : Moeki INOUE, M1, Graduate School of Letters, RU
- 11:25-11:45 **2. Digital Design for Organization and Social Utilization of Visual and Cultural Resources ★**  
Project Leader: Koichi HOSOI, Professor, College of Image Arts and Sciences, RU  
Presenter : Yuji MIYATA, D4, Graduate School of Letters, RU
- 11:45-12:15 **Visual Analysis of Digitally Archived Cultural Heritage Objects based on High-quality Visualization and Analytical VR ★**
- 3.** Project Leader: Satoshi TANAKA, Professor,  
College of Information Science and Engineering, RU
- 4.** Project Leader: Liang LI, Professor,  
College of Information Science and Engineering, RU
- 12:15-13:30 **Break (75 mins)**
- 13:30-13:50 **5. A Trial Study of a Tool to Assist in Reading Old Japanese historical Scripts in Cursive Script**  
Project Leader: Tetsuya TANI, Assoc. Professor, College of Letters, RU  
Presenter : Yuusuke OCHIAI, D3, Graduate School of Letters, RU
- 13:50-14:10 **6. Research on the Buddhist Site of Borobudur using Digital Archives and Databases**  
Project Leader: Takahiro NISHIBAYASHI, Professor, College of Letters, RU
- 14:10-14:30 **7. Judgement of Prosociality Using J-POP Melodies and Lyrics**  
Project Leader: Mitsuhiro SHIMAKAWA, Professor,  
College of Information Science and Engineering, RU
- 14:30-14:50 **8. Preservation and Utilization of Cultural Properties:  
Three-dimensional measurement of climbing kilns of Kyoto style and digital archiving  
of historical materials of modern Kyoto ★**  
Project Leader: Masaaki KIDACHI, Professor, College of Letters, RU

- 14:50-15:10 **9. Kyoto Street Culture Archive: Memories of the Pop Culture Featuring the Streets, and their Visualization**  
 Project Leader: Shinya SAITO, Assoc. Professor, College of Image Arts and Sciences, RU  
 Presenter : Shosaku TAKEDA, Professor, College of Image Arts and Sciences, RU  
 Presenter : Yi ZHANG, M1, Graduate School of Image Arts, RU

15:10-15:20

Break (10 mins)

**Report Session/ARC-iJAC (20mins. each incl. Q&As)**

- 15:20-15:40 **10. Study on Theater-related Pictures Retrieval System using Record of Theater Play Database ★**  
 Project Leader: Sachiko MUTO, Chief Librarian, Shochiku Otani Library
- 15:40-16:00 **11. A Basic Research for Using Digital Data of Japan National Railways' Documents: Focusing on Daily reports of Moji Railway Bureau of Japan National Railway ★**  
 Project Leader: Akimasa SUGANUMA, Lecturer, Faculty of Collaborative Regional Development, Kyushu Sangyo University
- 16:00-16:20 **12. The Role of Manuscripts in the Edo Period: Cataloging Japanese manuscripts in UC Berkeley C.V. Starr East Asian Library on ARC ★**  
 Project Leader: Motoi KATSUMATA, Professor, Meisei University
- 16:20-16:40 **13. Construction of 3D Model Database of Japanese Armor in the possession of Tokushima City Tokushima Castle Museum ★**  
 Project Leader: Akihiro TSUKAMOTO, Associate Professor, Faculty of Integrated Arts and Sciences, Tokushima University
- 16:40-17:00 **14. Utilization of the Nagae Family's Former Collections in 2023 and Prospects for the Future ★**  
 Project Leader: Hiroataka SATO, Assoc. Professor, Faculty of Regional Policy, Aichi University
- 17:00-17:20 **15. Re-thinking Japonisme: Digitisation of the V&A's collection of Japanese illustrated books and researching its formation in the late 19th century ★**  
 Project Leader: Masami YAMADA, Curator, Victoria and Albert Museum
- 17:20-17:40 **16. AI-powered Text Recognition of Inscriptions in Japanese Ukiyo-e Prints**  
 Project Leader: Dr.Ewa MACHOTKA, Professor  
 East Asian Art History, University of Zurich  
 Presenter : Dr.John Pavlopoulos, Assistant Professor, Department of Informatics, Athens University of Economics and Business  
 Presenter : Konstantina Liagkou, Research Assistant, Athens Technology Center

**End of Day 1**

## Sat. February 24, 2024

10:25-10:30 Notice from the secretariat

### Report Session/"Digital Humanities Center for Japanese Arts and Cultures"-Projects (20 mins. each incl. Q&As)

- 10:30-10:50 **17. Digital Design of Historical Value Enhancement in Digital Culture**  
Project Leader: Akinori NAKAMURA, Professor,  
College of Image Arts and Sciences, RU
- 10:50-11:10 **18. Acoustic digital archive for preserving cultural properties**  
Project Leader: Takanobu NISHIURA, Professor,  
College of Information Science and Engineering, RU
- 11:10-11:30 **19. Collaboration Project: A Study on construction of speech recognition system for ancient texts and speech input system for Kuzushiji transcription**  
Project Leader: Takanobu NISHIURA, Professor,  
College of Information Science and Engineering, RU  
Co-Researcher: Ryo AKAMA, Professor, College of Letters, RU  
Presenter : Yutao ZHANG, D5, Graduate School of Information Science and Engineering, RU

### Report Session/ARC-iJAC (20 mins. each incl. Q&As)

- 11:30-11:50 **20. Borobudur Reconstruction Project, 1973-1983 ★**  
Project Leader: Fadjar Ibnu Thufail, Director, Research Center for Area Studies,  
Indonesian National Research and Innovation Agency

11:50-13:30

Break (100 mins)

### Report Session/"Digital Humanities Center for Japanese Arts and Cultures"-Projects (20 mins. each incl. Q&As)

- 13:30-13:50 **21. Visual Culture Studies in the Domestic Sphere Utilizing ARC Database**  
Project Leader: Yumi TAKENAKA, Professor, Graduate School of Core Ethics and Frontier Sciences, RU  
Presenter : Maho SHIMAZU, D2, Graduate School of Core Ethics and Frontier Sciences, RU
- 13:50-14:10 **22. A VR game design project using ARC-DB materials ★**  
Project Leader: Ruck THAWONMAS, Professor,  
College of Information Science and Engineering, RU  
Presenter : Abdullah FEBRI, D2, Graduate School of Information Science and Engineering, RU
- 14:10-14:30 **23. AI-Based Early Japanese Books Restroation ★**  
Project Leader: Lin MENG, Assoc. Professor, College of Science and Engineering, RU  
Presenter : Hayato KANEKO, M2, Graduate School of Science and Engineering, RU

14:30-14:50 **24. Digitization of Medieval Shinto Documents in the Collection of the Faculty of Letters, Ritsumeikan University**

Project Leader: Soichiro OTA, Professor, College of Letters, RU

14:50-15:00

Break (10mins)

**Report Session/ARC-iJAC (20 mins. each incl. Q&As)**

15:00-15:20 **25. Compilation of a database of documents nationally designated as cultural properties in the possession of Eigen-ji and related temples ★**

Project Leader: Jijin MORI, Visiting Resercher, International Research Institute for Zen Buddhism, Hanazono University

Presenter : Miki HAMANO, D5, Graduate School of Letters, RU

**Report Session/"Digital Humanities Center for Japanese Arts and Cultures"-Projects (20 mins. each incl. Q&As)**

15:20-15:40 **26. Collaborative Project : A Data-driven Approach to Build a Practical Utilization Environment for Ukiyo-e Databases ★**

Project Leader: Akira MAEDA, Professor,  
College of Information Science and Engineering, RU

Co-Researcher: Ryo AKAMA, Professor, College of Letters, RU

Presenter : Jiayun WANG, D6, Graduate School of Information Science and Engineering, RU

15:40-16:00 **27. Multilingual Data Integration of Cultural Resource Databases ★**

Project Leader: Akira MAEDA, Professor,  
College of Information Science and Engineering, RU

Presenter : Guangyuan YUAN, M2, Graduate School of Information Science and Engineering, RU

16:00-16:20 **28. Building a data-driven space for Japanese Cultural Resources ★**

Project Leader: Ryo AKAMA, Professor, College of Letters, RU

Presenter : Nozomu ATAKA, D4, Graduate School of Letters, RU

Presenter : Shiori TOTSUKA, D2, Graduate School of Letters, RU

Presenter : Risako HIRANO, D2, Graduate School of Letters, RU

Presenter : Saki HOSHO, D2, Graduate School of Letters, RU

Project participant: Mutsuki YAMAMOTO, D1, Graduate School of Letters, RU

**Report Session/ARC-iJAC (20 mins. each incl. Q&As)**

16:20-16:40 **29. Ukiyo-e, illustrated books, albums and painted boks in Madrid Collections ★**

Project Leader : Pilar CABAÑAS, Leader in Art History,  
The Complutense University of Madrid

Presenter : Aitana MERINO, Associate lecturer in Art History,  
Universidad Autonoma de Madrid

1640-

**Closing remarks**

Ryo AKAMA, Director, Art Research Center

**End of Day 2**