

**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**

FY2022 Annual Report Meeting

Date : Friday, February 24, 10:45-17:45 (JST) Saturday, February 25, 11:15-16:15 (JST)

Venue : Online (Zoom, YouTube)

Fri. February 24

10:45-10:50 **Opening remarks**

**Koichi HOSOI, Professor, College of Image
Arts and Sciences, RU**

**Report Session/"Digital Humanities Center for Japanese Arts and Cultures"-
Project (15 mins. each incl. Q&As)**

10:50-11:05 **1. Visual Culture Studies in the Domestic Sphere Utilizing ARC Databases**

Project Leader: Yumi TAKENAKA, Professor, Graduate School of Core Ethics and
Frontier Sciences, RU

Presenter: Maho SHIMAZU, D4, Graduate School of Core Ethics and Frontier Sciences,
RU

11:05-11:20 **2. The 2000s Web Content Archiving Project**

Project Leader: Yumi TAKENAKA, Professor, Graduate School of Core Ethics and
Frontier Sciences, RU

Presenter: Yui NAKAMURA, D4, Graduate School of Core Ethics and Frontier Sciences,
RU

Presenter: Zewei WU, D3, Graduate School of Core Ethics and Frontier Sciences, RU

11:20-11:35 **3. Constructing a spatio-temporal database on historical city Kyoto: Exploring
the Millennium City**

Project Leader: Naomi KAWASUMI, Assoc. Professor, College of Letters, RU

Presenter: Yuji MIYATA, D3, Graduate School of Letters, RU

Presenter: Mikiharu TAKEUCHI, D1, Graduate School of Letters, RU

11:35-11:50 **4. Building a data-driven space for Japanese Cultural Resources**

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

Presenter: Shiori TOTSUKA, D1, Graduate School of Letters, RU

Presenter: Nozomu ATAKA, D3, Graduate School of Letters, RU

Presenter: Risako HIRANO, D1, Graduate School of Letters, RU

11:50-13:00

Break (70 mins)

13:00-13:15 **5. Collaborative 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

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

Presenter: Yutao ZHANG, D4, Graduate School of Information Science and Engineering, RU

Presenter: Shiori TOTSUKA, D1, Graduate School of Letters, RU

13:15-13:30 **6. Acoustic Digital Archive Towards Cultural Property Conservation**

Project Leader: Takanobu NISHIURA, Professor, College of Information Science and Engineering, RU

Presenter: Kohei IZAWA, B4, College of Information Science and Engineering, RU

13:30-13:45 **7. 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

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

Presenter: Jiayun WANG, D5, Graduate School of Information Science and Engineering, RU

13:45-14:00 **8. Multilingual Data Integration of Cultural Resource Databases**

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

Presenter: Keita MIKI, M2, Graduate School of Information Science and Engineering, RU

Presenter: Kangying LI, Research Fellow (PD), JSPS

Report Session/ARC-iJAC (15 mins. each incl. Q&As)

14:00-14:15 **9. A basic research for building a digital archiving of Japan National Railway's documents: Focusing on Daily reports of Moji Railway Bureau**

Project Leader: Akimasa SUGANUMA, Lecture, Faculty of Collaborative Regional Development, Kyushu Sangyo University

14:15-14:30 **10. Study on Theater-related Pictures Retrieval System using Record of Theater Play Database**

Project Leader: Sachiko MUTO, Chief Librarian, Shochiku Otani Library

Presenter: Ayaka MURASHIMA, Adjunct Lecture, School of Arts and Letters, Meiji University

14:30-14:45 **11. 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

14:45-15:00 **12. Study on Construction of "Old photograph GIS database on Kamo River" and Transition Analysis of River Environment**

Project Leader: Takafusa IIZUKA, Associate Professor, Department of Applied Sociology, Kindai University

15:00-15:15 **13. A Digital Archive Connecting Modern Design and Industry: Towards a New History of Machine Textile Printing in Modern Kyoto**

Project Leader: Aya UEDA, Part-time Lecturer, Kwansai Gakuin University

Presenter: Masako YAMAMOTO, Research Fellow (RPD), JSPS

15:15-15:30

Break (15 mins)

Report Session/"Digital Humanities Center for Japanese Arts and Cultures"-Project (15 mins. each incl. Q&As)

15:30-15:45 **14. Kyoto Street Culture Archive**

- Visualization & Memory of Pop culture featuring the town -

Project Leader: Shinya SAITO, Assoc. Professor, College of Image Arts and Sciences, RU

Presenter: Shosaku TAKEDA, Professor, College of Image Arts and Sciences, RU

15:45-16:00 **15. Preliminary Survey on Medieval Shinto Documents in the Collection of the Faculty of Letters, Ritsumeikan University**

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

16:00-16:15 **16. Three-dimensional measurement of climbing kilns and workshops - an attempt to record the entire workshop**

Project Leader: Masaaki KIDACHI, Professor, College of Letters, RU

16:15-16:30 **17. Digital Design for Organization and Social Utilization of Cultural Resources of the Image Arts**

Project Leader: Koichi HOSOI, Professor, College of Image Arts and Sciences, RU

Presenter: Hitomi MORI, D4, Graduate School of Letters, RU

Presenter: Yuji MIYATA, D3, Graduate School of Letters, RU

16:30-16:45

Break (15 mins)

Report Session/ARC-iJAC (15 mins. each incl. Q&As)

16:45-17:00 **18. A Digital Database Project on the high-altitude Settlements of the Yayoi Period**

Project Leader: Hideto MORIOKA, Visiting Researcher, Paleological Association of Japan, Inc.

Presenter: Tomoyuki USAMI, Lecture, Kyoto University of Arts

17:00-17:15 **19. Tracing the Reception of Japanese Art in the West: the Case of Monte Verità**

Project Leader: Hans B. THOMSEN, Professor, University of Zurich

17:15-17:30 **20. Digitisation of early-modern Japanese metal objects (sword furniture) in the British Museum collection for public and scholarly use: methodological exploration and training of UK-based graduate students**

Project Leader: Akiko YANO, Mitsubishi Corporation Curator (Japanese Collections), Asia Department, British Museum

17:30-17:45 **21. Re-thinking Japonisme: Digitisation of the V&A's collection of Japanese ukiyo-e prints and illustrated books and researching its formation in the late 19th century**

Project Leader: Masami YAMADA, Curator, Victoria and Albert Museum

End of Day 1

Sat. February 25

Report Session/"Digital Humanities Center for Japanese Arts and Cultures"-Project (15 mins. each incl. Q&As)

11:15-11:30 **22. Expanding virtual Kyoto: old maps, Kyoto news and postcards as geospatial information (tentative)**

Project Leader: Keiji YANO, Professor, College of Letters, RU

11:30-11:45 **23. 3D Reconstruction and Visual Analysis of the Borobudur Temple**

Project Leader: Satoshi TANAKA, Professor, College of Information Science and Engineering, RU

Project Leader: Liang LI, Assoc. Professor, College of Information Science and Engineering, RU

Project Leader: Kyoko HASEGAWA, Assoc. Professor, Research Organization of Science and Technology, RU

Presenter: Jiao PAN, Research Fellow (PD), JSPS, Research Organization of Science and Technology, RU

Presenter: Shenyu JI, Assistant Researcher, Research Organization of Science and Technology, RU

11:45-13:00

Break (75 mins)

13:00-13:15 **24. Digital Design of Historical Value Enhancement in Digital Culture -Practical Report on NFT Development of the Works for CG Artists-**

Project Leader: Akinori NAKAMURA, Professor, College of Image Arts and Sciences, RU

13:15-13:30 **25. Deep learning based Early Japanese Books Reorganization -Restoration, Recognition, and Reorganization by Spatiotemporal Database**

Project Leader: Lin MENG, Assoc. Professor, College of Science and Engineering, RU

Presenter: Bing LYU, D1, Graduate School of Science and Engineering, RU

Presenter: Hayato KANEKO, M1, Graduate School of Science and Engineering, RU

13:30-13:45 **26. Preventing Cheating in an Audience Participation Game by Adding a Virtual Moderator**

Project Leader: Ruck THAWONMAS, Professor, College of Information Science and Engineering, RU

Presenter: Roman SAVCHYN, M2, Graduate School of Information Science and Engineering, RU

13:45-14:00 **27. The Actual Condition of the New Toyotomi Castle in Kyoto (through examination of the Ikeda version of Rakuchu-Rakugai-zu Byobu)**

Project Leader: Tetsuya TANI, Assoc. Professor, College of Letters, RU

14:00-14:15 **28. Research on the Buddhist Site of Borobudur Using Digital Archives and Databases**

Project Leader: Takahiro NISHIBAYASHI, Professor, College of Letters, RU

14:15-14:30

Break (15mins)

Report Session/ARC-iJAC (15 mins. each incl. Q&As)

14:30-14:45 **29. Archiving both data and things of animes based on interaction design and media processing**

Project Leader: Mitsunori MATSUSHITA, Assoc. Professor, Kansai University

14:45-15:00 **30. Ukiyo-e in the Complutense University of Madrid: The prominence of Toyokuni III**

Project Leader: Pilar CABAÑAS, Assoc. Professor, Complutense University of Madrid

15:00-15:15 **31. Construction of the Database of printing blocks of selection from Daishin Gito's works (the 273th chief priest of Daitoku-ji Temple) owned by Gyokurin-in, sub-temple of Daitoku-ji Temple in Kyoto City**

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

15:15-15:30 **32. Building a GIS Database of Living Space Based on Oral History and Documents: Focusing on Old Roadside Settlements in Ritto City, Shiga**

Project Leader: Yoshinori KASAI, Assoc.Professor, Keio University

15:30-15:45 **33. Qait'bay Citadel (1477-1479):**

Visualizing the Main Coastal Fortification of Medieval Alexandria, Egypt

Project Leader: Mohamed SOLIMAN, Senior Inspector of Antiquities, Ministry of
Tourism and Antiquities

Report Session/"Digital Humanities Center for Japanese Arts and Cultures"- Project (15 mins. each incl. Q&As)

15:45-16:00 **34. Estimating gimmicks in scene development with interpersonal
relationships**

Project Leader: Mitsuhiro SHIMAKAWA, Professor, College of Information Science
and Engineering, RU

16:00- **Closing remarks** **Ryo Akama, Director, Art Research Center**

End of Day 2