



RENKEI



Ritsumeikan University
Kyoto
24-28 June 2017

Welcome

Open scholarship is commonly seen as a public good, and increasingly as a public right. Openness in research, when correctly mediated and supported, can have transformative effects. However, there are issues that commonly limit the realisation of benefits to open sharing of research – namely the digital divide, accessibility (e.g. in terms of disability), academic cultures of reward and recognition, and models for funding research and publication. Increasingly there are also political agendas that do not reflect this idealised perspective or the premise of the value of higher education. Therefore this workshop is reflecting on the context of open cultural heritage scholarship. It will also seek to bring together experts problematizing the idea of open cultural heritage scholarship as a necessary good, considering issues such as the embedding of bias in open data or the co-construction of knowledge.

Activities by the Open Data Institute (UK) have demonstrated the global economic potential of monetising open data. In turn activities pioneered by Southampton are continuing to identify economic opportunities for businesses, mobilising what might be described as an open scholarship spectrum, from mass broadcast to personal research. Open scholarship implies new higher education and business models, considering complex issues such as licensing and cultural sensitivity and sustainability. Cultural heritage business is wrestling with the opportunities and risks of increasing openness of data e.g. our own work on personal 3d printing and its implications for museums. We contend that open scholarship can enhance the core revenue of these businesses, offsetting lost licensing revenues. We also believe that such activities support accessibility to cultural heritage and engage non-traditional demographics.

Whilst we would argue that knowledge should be accessible, it should also be valued, exchanged and earned: this then presents an opportunity for entrepreneurial cultural heritage industries and for the creative digital sector. Activities by the Open Data Institute (UK) have demonstrated the global economic potential of monetising open data. In turn activities in many higher education and memory institutions are identifying economic opportunities for businesses mobilising open education (e.g. via Massive Open Online Courses), open research data, citizen science and through connections to broadcast media. Open scholarship also requires sharing of practices around data governance, exemplified in the area of cultural property, and engagement with relevant authorities. These issues and activities exceed national borders and the capabilities of any one organisation to supply even a small fraction of the solutions. Open scholarship serves as a growing disrupting influence, with activities such as open sharing of research data as they are generated, through provision of open tools and workflow documentation, and mediated citizen science research. Pressure from funding councils, charities and national agencies for open access is also supporting a parallel revolution in open education. This perfect storm, or as some have described it, an “avalanche”, is impacting strongly across the higher education community. Through this workshop we are seeking to interrogate concrete examples of supporting and benefitting from open scholarship, in the context of (digital) cultural heritage.

Open Cultural Heritage Scholarship Organisers

Professor Graeme Earl, University of Southampton

Professor Keiji Yano, Ritsumeikan University

Professor Ian Haynes, Newcastle University

Dr Martyn Dade-Robertson, Newcastle University

Eleonora Gandolfi, University of Southampton

Yoko Fukatsu, Ritsumeikan University

Working Group includes:

Professor Sidney C. H. Cheung, Chinese University of Hong Kong

Professor Kodzo Gavua, University of Ghana

Dr Rebecca Simone Phillipps, University of Auckland

Professor Hussein Suleman, University of Cape Town

Professor Sally Wyatt, Maastricht University

Professor Yunxia Wang, Renmin University

Professor Renato Perucchio, University of Rochester

Funding

The workshop is led and supported by the University of Southampton, with additional funding from WUN and RENKEI partners, in collaboration with Ritsumeikan University and Newcastle University. It was initiated and supported by the AHRC-funded Portus Project directed by Professor Simon Key (University of Southampton).

WUN and its partner institutions have provided funding for its members to attend the workshop and for a number of invited public, private and third sector experts from the UK. RENKEI has provided funding for Early Career Researchers to attend from its member institutions, and UK and Japanese experts from outside of higher education.

The RENKEI component is supported by the British Council RENKEI platform - a Japan-UK Research and Education Network for Knowledge Economy Initiatives, via the RENKEI project "Digital Cultural Heritage Business and Open Data: Bringing Rome to Japan". The partner Universities are Kyoto, Kyushu, Nagoya, Osaka, Ritsumeikan, Tohoku, Bristol, Leeds, Liverpool, Newcastle, Southampton and UCL (<https://www.britishcouncil.jp/en/programmes/higher-education/university-industry-partnership/renkei>).

The WUN component is supported by the Universities of Auckland, Cape Town, CUHK, Ghana, Maastricht, Renmin, Rochester and Southampton, and by a WUN Research Development Fund grant: "Open WUN" (www.wun.ac.uk/wun/research/view/open-wun). This relates to the Understanding Cultures (global digital cultures; heritage) and Global Higher Education and Research (access and mobility) WUN Global Challenges: www.wun.ac.uk/wun/globalchallenges

The EPSRC (<https://www.epsrc.ac.uk/>) has supported collaborations with industry around Portus and open scholarship that stimulated the workshop. It is funded by the Impact Acceleration Account administered by the University of Southampton, via the "Portus Open Research Technologies User Study (PORTUS)" project.

Additional attendance is supported by the AHRC Error Network (<http://errornetwork.com/about/>).

Workshop Themes

The workshop is structured around a series of interconnected themes:

1. Barriers and criticisms of cultural heritage open scholarship
2. Business models for cultural heritage open scholarship in HE and private sector, including cultural tourism
3. Designing and linking the (social) open scholarship spectrum
4. Open access and alternative publication models for cultural heritage
5. Open cultural heritage education
6. Open geospatial in cultural heritage
7. Open government and research data and cultural heritage
8. Open scholarship and visualisation
9. Open scholarship, privacy and ethics

Roman and Japanese heritage will provide a backdrop and examples within the discussions, whether in terms of current practice or potentials, alongside cultural heritage expertise from the global contexts represented by the participants. We hope to have input from Japanese organisations engaged in cultural heritage of all kinds, and including Japanese open educators.

The workshop organisers and participants also bring expertise in digital aspects of Roman archaeology, and cultural heritage computation more generally. Workshop attendees will be expected to consider research accessibility during and after the activities in Kyoto, including practical accessibility (e.g. open access publication; digital accessibility in terms of varying physical, cognitive and economic abilities) and intellectual accessibility (e.g. open education and citizen science).

Whole Conference at a glance

SATURDAY 24 JUNE, 2017

Art Research Centre,
Kinugasa Campus (KIC), Ritsumeikan University

09:30–10:00	Registration	
10:00-10:10	Opening remark	
10:10	Mr Masaaki Iwamoto, University of Kyushu <i>Digi-fab Urban Village Project: Personal Digital Technologies for Fabricating Low Cost Settlements in Southeast Asia's Urban Periphery</i>	
10:20	Dr Christopher Leyland, Newcastle University <i>Social Interaction in multilingual, multicultural contexts</i>	
10:30	Ms Yuting Song, Ritsumeikan University <i>Finding the Identical Records across Multiple Digital Collections in Different Languages</i>	
10:40	Mr Fumiyasu Makinoshima, Tohoku University <i>Disaster archive: Controversy, efforts and challenges</i>	
10:50	Ms Mirna Carolina Valladares Celis, University of Bristol <i>Development of intercultural competence among Mexican and Spaniard children through open software</i>	
11:00	Prof. Keiji Yano, Ritsumeikan University <i>Virtual Kyoto Platform</i>	
11:10-11:30	Break	
11:30	Ms Isabel Drury, FutureLearn <i>Open Cultural Heritage Education on FutureLearn</i>	
11:40	Prof. Graeme Earl, University of Southampton <i>The Portus Project: Opening Up to Open</i>	
11:50	Ms Eleonora Gandolfi, University of Southampton <i>#Open @UoSFLPortus & compulsory-age #education</i>	
12:00	Dr Biligsaikhan Batjargal, Ritsumeikan University <i>Providing Bilingual Access to Early Japanese Book Databases – Utilization of Linked Open Data</i>	
12:10	Mr Dan Brown, University of Liverpool <i>Archaeology, Visualising BIG Data, and Open Scholarship</i>	
12:20	Prof. Yunxia Wang, Renmin University <i>Cultural Heritage Education and Open Resources</i>	
12:30	Prof. Ian Haynes, Newcastle University <i>Visualisation, Provocation and Open Scholarship – Experiences from the Roman Frontier</i>	
12:40-13:40	Lunch	
	Multipurpose Studio	Meeting Room 1
13:40	Prof. Kozaburo Hachimura, Ritsumeikan University <i>Digital Archiving of Intangible Cultural Properties</i>	Dr Martyn Dade-Robertson, Newcastle University <i>The Architecture of Information</i>
13:50	Dr Liang Li, Ritsumeikan University <i>Virtual Yamahoko Parade Experience System</i>	Dr Scott Mc Laughlin, University of Leeds <i>Open Data at Leeds</i>
14:00	Dr Asanobu Kitamoto, National Institute of Informatics <i>Introduction of Activities in Center for Open Data in the Humanities (CODH) Including Memory</i>	Dr Gerasimos (Jerry) Spanakis, Maastricht University <i>Open access infrastructure and publication models in Netherlands</i>
14:10	Mr Daniel Pett, British Museum <i>The digital museology start-up</i>	Mr Shang Li, Kyushu University <i>tbc</i>
14:20	Mr Grant Cox, ArtasMedia <i>ArtasMedia Showcase</i>	Dr Hussein Suleman, University of Cape Town <i>Designing Archives for Multiple Modes of Access</i>

	Multipurpose Studio	Meeting Room 1
14:30	Prof. Koichi Hosoi, Ritsumeikan University <i>Virtual exhibition of Japanese cultural assets</i>	Goki Miyakita, Keio University <i>Exploring Japanese Culture through Keio University's Pre-Modern Japanese Book Collection</i>
14:40	Mr Ryuichi Kamo, Toppan Printing <i>Digitalisation of cultural heritage and VR contents</i>	Ms Rebecca Ferderer, Nagoya University <i>Consuming Cultural Heritage</i>
14:50-15:10	Break	
15:20	Mr Adam Procter, University of Southampton (07:20 London time) <i>Platforms Ethics and Privacy when Open meets surveillance Capitalism</i>	
15:30	Dr Stuart Dunn, King's College London (07:30 London time) <i>tbc</i>	
15:40	Dr Rebecca Philipps & Mr Joshua Emmitt, University of Auckland (18:40 Auckland time) <i>A.R.C.I. : Archaeological Data Management in Aotearoa New Zealand</i>	
15:50	Prof. Keiji Yano, Ritsumeikan University <i>Introduction of Day 2: Byodoin Temple, Nagae Family Residence and Kyoto Asny</i>	
16:00-16:30	Break	
16:30-17:00	Public Lectures: Dr Kinda, Kyoto Institute (Emeritus Professor, Kyoto University) <i>Some projects for digitalizing historical materials and books in Japan</i>	
17:00-18:00	<p>Dr Eric Kansa, UC Berkeley <i>Archaeology and Humanizing Big Data</i></p> <p><i>Abstract:</i> In May 2017, The Economist declared that “the world’s most valuable resource is no longer oil, but data” to 21st century economies. Universities, corporations, and governments all now see Big Data as strategic to competitiveness. Big Data, as typically imagined, tends to require and reinforce institutional and information centralization. However, as is the case with much of the humanities and social sciences, many forms of archaeological data are small but complicated and collected under very different conditions and sampling protocols. Since our data are highly contextual, meaningfully aggregating data offers many methodological and interpretive challenges.</p> <p>Navigating these challenges requires much broader and deeper intellectual engagement in data. Achieving scale while respecting context will likely require an incremental, “Slow Data”, approach. It will also require new modes of scholarly practice that formalize contestable interpretive judgments explicitly, especially as Linked Data, and emphasize more openness, collaboration and reproducibility. Archaeology is high transnational and dependent on multidisciplinary collaboration across the humanities, social sciences and natural sciences. As such, it is ideally situated to lead in the humanization of data.</p>	
18:15-19:30	Reception	

SUNDAY 25 JUNE, 2017

Heritage Sites Visit

08:45	Leave hotel (meet at the hotel reception at 08.35)
09:30-11:00	Byodoin-temple and the museum (incl. guided tour of the main hall)
11:30-12:30	Lunch at Kyo-wasabi
13:00-14:00	Nagae Family Residence – a demo of AR by Fujitsu & Daitec
14:20-14:50	Kyoto Asny
15:00-17:00	Nijo Castle
17:30	Optional 17:30- The Museum of Kyoto

MONDAY 26 JUNE, 2017

Library Conference Room, Kinugasa Campus (KIC), Ritsumeikan University

10:00-11:00	Memory Hunting Workshop- led by Dr. Kitamoto (will be postponed to Tuesday 27 June in case of rain)
11:00-11:10	Break
11:10	Dr Fukuda, Ritsumeikan University <i>Designing LOD for digital game</i>
11:20	Dr Dowon Kim, Ritsumeikan University <i>Protection of Cultural Heritage from Disasters: Outline of the protection system and disaster risk reduction of Japanese Cultural Heritage</i>
11:30	Prof. Satoshi Tanaka, Ritsumeikan University <i>Visualization and Virtual Reality of 3D Cultural Heritage Objects based on their Laser-scanned Data</i>
11:40	Dr Zengxian Li, Ritsumeikan University <i>Wakokubon: Mirrors of Devotion, Artistic.</i>
11:50	Ms Rosie Brigham, UCL <i>Crowdsourcing conservation</i>
12:00	Prof. Sidney C. H. Cheung, Chinese University of Hong Kong <i>Cultural Heritage for Knowledge Transfers in Hong Kong</i>
12:10	Dr William N Gblerkpor, University of Ghana <i>Ghana Digital Heritage Initiative and Community Archaeology</i>
12:20	Ms Yu Homma, Keio University <i>Digital Archive of Media Arts</i>
12:30-13:30	Lunch
13:30	Mr Shigekazu Nagamune, Kyoto Asny <i>Taking on the Challenge of Visualizing a Multi-Layered Kyoto: Representing Aspects of Historical Periods</i>
13:50	Mr Satoshi Tarashima, Tokyo National Museum <i>Digitalization of Research Resource at Tokyo National Museum</i>
14:10	Mr Hirokazu Nakamura & Mr Toshio Yamamura, Fujitsu & Daitec <i>ICT for Heritage</i>
14:40	Mr Tsuyoshi Nishiyama, The Museum of Kyoto <i>Developing a Workshop Based on the View Around Seigan-ji Temple</i>
15:00	Dr Scott Mc Laughlin, University of Leeds <i>The importance of Open-ness in the Art Music Ecosystem</i>
15:10-15:30	Break

15:30	Mr Daniel Pett, British Museum <i>Challenging the British Museum with openness</i>
15:40	Mr Grant Cox, ArtasMedia <i>Open Vs Closed ArtasMedia</i>
15:50	Mr Atticus Sims, Kyoto VR <i>Building a Virtual Kyoto: A model for digital heritage preservation through the tourism industry</i>
16:10	Dr Masaru Tsuchida, NTT Communication Science Lab. <i>7-band 18 Giga-pixel Image Archiving of Folding Screen and Its Applications</i>
16:30	Mr Bruno Martelli, Gibson / Martelli <i>Data journey</i>
16:40	Ms Isabel Drury, FutureLearn <i>Open Access on FutureLearn: bringing the university to the world</i>
16:50	Ms Laura Hilliger, We are Open <i>Comfortable Chaos: Managing an Open Project</i>
17:00	Mr John Bevan, We are Open <i>Communities build culture</i>
17:10	Prof. Ian Haynes, Newcastle University <i>Visualisation: Challenges and opportunities for Open Scholarship – Partnerships and Potential Directions</i>
17:20	Dr Martyn Dade-Robertson, Newcastle University <i>Mapping Cultural Associations: A case study of the Amber Collective</i>
17:30 -17:40	Summary and closure of the day

TUESDAY 27 JUNE, 2017

Library Conference Room, Kinugasa Campus (KIC), Ritsumeikan University

10:00-11:00	Thinkathon or Memory Hunting Workshop- led by Dr. Kitamoto (back up)
11:00-11:10	Break
11:10-12:30	Thinkathon
12:00-13:30	Lunch
13:30-15:00	Thinkathon
15:00-15:30	Break
15:30-17:00	Prof. Graeme Earl, University of Southampton <i>Developing priorities for future projects</i>

WEDNESDAY 28 JUNE, 2017

Library Conference Room, Kinugasa Campus (KIC), Ritsumeikan University

10:00-10:30	Mr Joseph Robertson, British Consulate-General Osaka <i>Sources of funding for UK-Japan collaboration</i>
10:30-12:00	Project development and funding “sandpit”
12:00-13:30	Lunch

13:30-15:00	Project development and funding “sandpit”
15:00-15:30	Break
15:30 -17:00	Feedback session
17:00	Workshop close

✧ During lunch breaks, it is possible to visit the Golden Pavilion (Kinkakuji Temple) or Ryoanji Temple (a Zen temple with a famous rock garden) which are both 10-15 minute walk from the campus.

Workshop Participants/ Collaborators

Name	Affiliation	Position
Grant Cox	ArtasMedia	CEO
Ayako Towtari	British Council Japan	Projects Manager (Education)
Joseph Robertson	British Consulate-General Osaka	Science & Innovation Officer
Daniel Pett	British Museum	ICT Adviser, Department of Portable Antiquities and Treasure
Prof. Sidney C.H. Cheung	Chinese University of Hong Kong	Professor, Department of Anthropology, Director, BA Programme of Cultural Management, Associate Dean (Education), Faculty of Arts
Toshio Yamamura	Daitec	Chief Marketing Executive
Robert Lloyd Morris	Daitec	
Hirokazu Nakamura	Fujitsu	Senior Director, Partner Alliance, Product Strategy & Planning Office
Isabel Drury	FutureLearn	Digital content specialist working in education technology
Goki Miyakita	Keio University	Research Student
Yu Homma	Keio University Art Center	Archivist and Curator
Dr Stuart Dunn	King's College London	Lecturer in Digital Humanities
Shigekazu Nagamune	Kyoto Asny	Chief Consultant
Prof. emeritus Akihiro Kinda	Kyoto Institute, Library and Archives	Director (Emeritus Professor, Kyoto University)
Atticus Sims	Kyoto VR	CEO
Luke Fujii	Kyoto VR	PR
Dr Masaaki Iwamoto	Kyushu University	Assistant Professor
Shang Li	Kyushu University	3rd year PhD student
Dr Gerasimos (Jerry) Spanakis	Maastricht University	Assistant Professor, Department of Data Science and Knowledge Engineering
Rebecca Ferderer	Nagoya University	2nd year PhD student
Dr Asanobu Kitamoto	National Institute of Informatics	Associate Professor
Dr Christopher Leyland	Newcastle University	Lecturer of Applied Linguistics
Dr Martyn Dade- Robertson	Newcastle University	School of Architecture, Planning & Landscape
Prof. Ian Haynes	Newcastle University	School of History, Classics and Archaeology
Dr Masaru Tsuchida	NTT Communication Science Lab.	Multispectral and Giga-Pixels Imaging Technology
Prof. Yunxia Wang	Renmin University of China	Professor of History of Law
Yi Wang	Renmin University of China	PhD student, currently studying at the University of Tokyo
Dr Liang Li	Ritsumeikan University	Lecturer
Yuting Song	Ritsumeikan University	PhD

Prof. Koichi Hosoi	Ritsumeikan University	College of Image Arts and Sciences, Director, Art Research Center
Prof. Satoshi Tanaka	Ritsumeikan University	College of Information Science and Technology, Art Research Center
Prof. Kozaburo Hachimura	Ritsumeikan University	College of Information Science and Technology, Art Research Center
Dr Biligsaikhan Batjargal	Ritsumeikan University	Senior Researcher
Dr Zengxian Li	Ritsumeikan University	Senior Researcher
Dr Dowon Kim	Ritsumeikan University	Associate Professor
Dr Kazufumi Fukuda	Ritsumeikan University	Senior Researcher, Kinugasa Research Organization
Prof. Keiji Yano	Ritsumeikan University	Department of Geography
Daisuke Hanamura	Ritsumeikan University	Program coordinator
Yoko Fukatsu	Ritsumeikan University	Program coordinator
Tsuyoshi Nishiyama	The Museum of Kyoto	Curator
Fumiyasu Makinoshima	Tohoku University	2nd year PhD student
Dr Satoshi Tarashima	Tokyo National Museum	Supervisor, Informatics
Ryuichi Kamo	Toppan Printing	Division Head, Cultural Project Division
Dr Eric Kansa	UC Berkeley	Open Context Program Director; Researcher at UC Berkeley, D-Lab
Rosie Brigham	UCL	MRes Student
Dr Rebecca Phillipps	University of Auckland	Lecturer Anthropology
Mirna Carolina Valladares Celis	University of Bristol	1st year PhD student
Dr Hussein Suleman	University of Cape Town	Head of Department of Computer Science, Associate Professor
Dr William N Gblerkpor	University of Ghana	Lecturer, Department of Archaeology and Heritage Studies
Dr Scott Mc Laughlin	University of Leeds	Lecturer in Composition and Music Technology
Dan Brown	University of Liverpool	PhD student
Dr Adam Procter	University of Southampton	Programme Leader
Prof. Graeme Earl	University of Southampton	Professor of Archaeology
Eleonora Gandolfi	University of Southampton	International Partnerships Manager
Laura Hilliger	We are Open	
John Bevan	We are Open	
Bruno Martelli	Gibson / Martelli	Artist