



Our Digital Future - Multidisciplinary Perspectives on Long Term Data Preservation and Access

Murray Edwards College, Cambridge – 14-15 March 2016

AGENDA

14 March 2016 – Keynotes

Location: Auditorium, Buckingham House

9:00-10:00	Registration															
10:00-10:10	Welcome and introduction															
10:10	<p><i>Session 1: Digital data as the human record</i></p> <p><i>Chair: Dr Suzanne Paul, Keeper of Manuscripts and University Archives, Cambridge University Library</i></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 15%;">Time</th> <th style="text-align: left; width: 45%;">Speaker</th> <th style="text-align: left;">Title</th> </tr> </thead> <tbody> <tr> <td>10:10</td> <td>Dr Adam Farquhar (British Library)</td> <td><u><i>Diamonds are forever. What about research data?</i></u></td> </tr> <tr> <td>10:40</td> <td>Dr William Kilbride (Digital Preservation Coalition)</td> <td><u><i>Past performance is no guide to the future value: remembering and forgetting in the digital age</i></u></td> </tr> <tr> <td>11:10</td> <td>Professor Jane Winters (Institute for Historical Research)</td> <td><u><i>Making sense of the archived web</i></u></td> </tr> </tbody> </table>	Time	Speaker	Title	10:10	Dr Adam Farquhar (British Library)	<u><i>Diamonds are forever. What about research data?</i></u>	10:40	Dr William Kilbride (Digital Preservation Coalition)	<u><i>Past performance is no guide to the future value: remembering and forgetting in the digital age</i></u>	11:10	Professor Jane Winters (Institute for Historical Research)	<u><i>Making sense of the archived web</i></u>			
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12:00-13:00	Lunch															
13:00	<p><i>Session 2: Systems, devices and infrastructures – storing, sharing and curating</i></p> <p><i>Chair: Professor Richard McMahon, Institute of Astronomy</i></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 15%;">Time</th> <th style="text-align: left; width: 45%;">Speaker</th> <th style="text-align: left;">Title</th> </tr> </thead> <tbody> <tr> <td>13:00</td> <td>Dr Jamie Shiers (CERN)</td> <td><u><i>Data Preservation for Re-Use: from tens of TB to tens of EB</i></u></td> </tr> <tr> <td>13:30</td> <td>Dr Niklas Blomberg (European Bioinformatics Institute/ELIXIR Europe)</td> <td><u><i>ELIXIR: Enabling European-wide sharing of data in the life sciences</i></u></td> </tr> <tr> <td>14:00</td> <td>Professor Carole Goble (University of Manchester)</td> <td><u><i>Method Preservation: workflows and models matter</i></u></td> </tr> <tr> <td>14:30</td> <td>Dr Ripduman Sohan (Computer Laboratory, University of Cambridge)</td> <td><u><i>Guaranteed Computing</i></u></td> </tr> </tbody> </table>	Time	Speaker	Title	13:00	Dr Jamie Shiers (CERN)	<u><i>Data Preservation for Re-Use: from tens of TB to tens of EB</i></u>	13:30	Dr Niklas Blomberg (European Bioinformatics Institute/ELIXIR Europe)	<u><i>ELIXIR: Enabling European-wide sharing of data in the life sciences</i></u>	14:00	Professor Carole Goble (University of Manchester)	<u><i>Method Preservation: workflows and models matter</i></u>	14:30	Dr Ripduman Sohan (Computer Laboratory, University of Cambridge)	<u><i>Guaranteed Computing</i></u>
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15:00	Coffee Break															
15:30	<p>Session 3: Data Preservation Policy</p> <p><i>Chair: Dr Danny Kingsley, Director of Scholarly Communications, University of Cambridge</i></p> <table border="0"> <thead> <tr> <th>Time</th> <th>Speaker</th> <th>Title</th> </tr> </thead> <tbody> <tr> <td>15:30</td> <td>Dr Fiona Reddington (Cancer Research UK)</td> <td><u>CRUK and Big Data – past, present and future</u></td> </tr> <tr> <td>16:00</td> <td>Dr David Giaretta (Giaretta Associates)</td> <td><u>Data preservation Policies: from creation to exploitation</u></td> </tr> <tr> <td>16:30</td> <td>Victoria Tsoukala, PhD (National Documentation Centre/National Hellenic Research Foundation)</td> <td><u>Policy Responses to Research Data Preservation Challenges</u></td> </tr> <tr> <td>17:00</td> <td>Tim Gollins - National Archives/National Records Scotland</td> <td><u>The parsimonious anthropologist OR How string figures and a friar from the 14th Century might inform the preservation of digital research data</u></td> </tr> </tbody> </table>	Time	Speaker	Title	15:30	Dr Fiona Reddington (Cancer Research UK)	<u>CRUK and Big Data – past, present and future</u>	16:00	Dr David Giaretta (Giaretta Associates)	<u>Data preservation Policies: from creation to exploitation</u>	16:30	Victoria Tsoukala, PhD (National Documentation Centre/National Hellenic Research Foundation)	<u>Policy Responses to Research Data Preservation Challenges</u>	17:00	Tim Gollins - National Archives/National Records Scotland	<u>The parsimonious anthropologist OR How string figures and a friar from the 14th Century might inform the preservation of digital research data</u>
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17:30	Closing remarks															
17:45	Break															
19:00	Our digital future: which data should we keep and how will we access it? - Public Panel discussion as part of the <u>Cambridge Science Festival</u>															
20:00	Conference Dinner															



15 March 2016 Parallel workshops and plenary

OVERALL AGENDA FOR THE DAY

9:00-10:00	Arrival Tea And Coffee	Foyer
10:00-12:00	Parallel workshop sessions	See individual workshop for details
12:00-13:00	Lunch	Foyer
13:00-15:30	Parallel workshop sessions and discussion	See individual workshop for details
15:30-16:00	Coffee Break	Foyer
16:00	Plenary session	Auditorium
16:30	Closing Reception (sponsored by Cambridge University Press)	Foyer



Workshop 1: What should we keep? Lessons from history for the shift to digital

Location: Seminar Room, Buckingham House

Organiser Dr Anne Alexander, Cambridge Digital Humanities Network

10:00-12:00	<i>Finding, Using and Accessing</i>	
	Time Speaker	Title
	10:00 Dr Anthea Seles, Digital Transfer and Records Manager, the National Archives	<u><i>Understanding our digital realities to plan for our digital future</i></u>
	10:30 Dr David Willcox and Lucie Jordan, The National Archives	<u><i>New challenges in finding and transferring digital government records for public access: Appraisal, selection and sensitivity review</i></u>
	11:00 Rachel MacGregor, Lancaster University	<u><i>Blurring the Lines</i></u>
	11:30 Jenny Bunn, University College London	<u><i>Preserving collections and samples in the era of Big Data</i></u>
12:00	Lunch	
13:00-13:30	Discussion session - morning presentations	
13:30-15:00	<i>Perspectives of other disciplines and considering the future</i>	
	Time Speaker	Title
	13:30 Tim Evans, Department of Archaeology, University of York	<u><i>Twenty years of digital curation at the Archaeology Data Service: challenges for archive and access</i></u>
	14:00 Alex Taylor, Division of Social Anthropology, University of Cambridge	<u><i>Bunkering Data: Sowing the Seeds of the Digital Future?</i></u>
	14:30 Dr David Erdos, University of Cambridge	<u><i>The Challenges for Long-Term Data Preservation and Use under the General Data Protection Regulation</i></u>
15:00-15:30	Discussion session - afternoon presentations	
15:30	Break	
16:00	Return to auditorium for plenary	



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Workshop 2: Current and Future perspectives on technology for data preservation and sharing

Location: Auditorium, Buckingham House

Organiser Professor Val Gibson, Cavendish Laboratory

10:00-12:00	Disciplinary Perspectives	
	Time Speaker	Title
	10:00 Ana Trisovic, University of Cambridge	<u>Data Preservation at CERN</u>
	10:30 Marc O'Brien, Cancer Research UK Cambridge Institute	<u>We will keep it forever (from a tin perspective)</u>
	11:00 Dr Tariq Masood, Department of Engineering, University of Cambridge	<u>Long-term Data Preservation and Access – Infrastructure Assets Perspective</u>
	11:30 Professor Richard McMahon, Institute of Astronomy, University of Cambridge	<u>Data preservation issues in astronomy</u>
12:00	Lunch	
13:00-15:00	Tools, techniques and platforms	
	Time Speaker	Title
	10:00 Dr Ripduman Sohan, Computer Laboratory, University of Cambridge	<u>OPUS - Keeping Track of Your Research Data</u>
	10:30 Dr Simon Waddington, King's College London	<u>PERICLES - Management of Change to Enable Long Term Use</u>
	11:00 Sven Schlarb, Austrian Institute of Technology	<u>The Use of Big Data Techniques for Digital Archiving</u>
	11:30 Professor Frank Krauss, University of Durham	<u>HEPData - Long Term Data Preservation in High Energy Physics</u>
15:00-15:30	Discussion session	
15:30-16:00	Break	
16:00	Return to auditorium for plenary	