Workshop on Research Data Management and Sharing

18-19 September 2014
ERC Executive Agency, Covent Garden, 16 Place Rogier, Brussels
Main venue: Auditorium 'Nowotny' (25th floor)

FINAL PROGRAMME

Day 1: 18 September 2014

12:30 – 13:00	Arrival of participants, security check and registration

SESSION 1: Welcome and Introduction – Opening speech Venue: Auditorium 'Nowotny' (25th floor)	
13:00 – 13:25	• *Professor Nicholas Canny, ERC Scientific Council, Chair of the Open Access working group* • *Dr Theodore Papazoglou, Head of Unit ERCEA-A.1: Support to the Scientific Council*
13:25 – 13:40	• *Professor Jean-Pierre Bourguignon, President of the ERC*

SESSION 2: Setting the scene Venue: Auditorium 'Nowotny' (25th floor) Chair: *Professor Núria Sebastián Gallés, Vice President of the ERC, former member of the Open Access working group / Universitat Pompeu Fabra*	

13.40 – 15:00	• *Professor Sabina Leonelli, Associate Professor (Philosophy and History of Science), ERC Starting Grant, University of Exeter*
	  ➤ Data Sharing in Research: Four Key Concerns
	• *Dr Hans Pfeiffenberger, Speaker of the Helmholtz Open Science working group (and Chair of the Science Europe WG on Research Data)*
	  ➤ The Open Science Imperative - Opportunities, Challenges and Limits
	• *Dr Bernd Pulverer, Head of Scientific Publishing, EMBO – European Molecular Biology Organization*
	  ➤ Publishing Source Data: Finding and Accessing the Data Behind Figures
	• *Dr Roar Skålin, Special Adviser, Research Council of Norway:*
	  ➤ Norwegian Researchers Want to Share Data but Fear Jeopardising Their Career

15.00 – 15:30	**Coffee Break & moving to parallel sessions**

SESSION 3a:

Domain specific perspectives: Life Sciences

Venue: Auditorium 'Nowotny' (25th floor)

*Moderator: **Dr Barbara Ensoli**, ERC Scientific Council/ National AIDS Center - Istituto Superiore di Sanità Rome*
*Co-moderator: **Dr Anna Lönnroth Sjödén**, Head of Unit ERCEA-B.3: Life Sciences*
*Rapporteur: **Dr Eleni Zika**, Team Leader, ERCEA-B.3: Life Sciences*

15.30 – 18:00	Presentations by **invited ERC grantees** from the Life Sciences domain
	• **Dr Iiris Hovatta**, *Group Leader, Department of Biosciences, University of Helsinki*
	  ➢ Towards improved data management and sharing in behavioral neuroscience and genomics
	• **Dr Bouke de Jong,** *Head of Unit Mycobacteriology at the Institute of Tropical Medicine, Antwerp*
	  ➢ INTERRUPTB – Data management & -challenges
	• **Dr Sebastiaan Luyssaert,** *Laboratoire des Sciences du Climat et de l'Environnemant (LSCE), Gif-sur-Yvette*
	  ➢ User and provider perspectives on data sharing at the interface between Life and Earth sciences
	Discussion followed by joint preparation of feedback to the plenary – key messages and recommendations

SESSION 3b:

Domain specific perspectives: Physical Sciences and Engineering

Venue: SDR 2&3 (25th floor)

*Moderator: **Professor Pavel Exner**, Vice President of the ERC / Academy of Sciences of the Czech Republic*
*Co-moderator: **Dr Martin Penny**, Head of Unit ERCEA-B.4: Physical Sciences and Engineering*
*Rapporteur: **Dr David Krasa**, Team Leader, ERCEA-B.4: Physical Sciences and Engineering*

15.30 – 18:00	Presentations by **invited ERC grantees** from the Physical Sciences and Engineering domain • **Professor Debra Laefer**, *Associate Professor, School of Civil, Structural and Environmental Engineering, University College Dublin* ➢ The euros and cents of open access data *(continued on next page)*

	• *Professor Barbara Romanowicz, Institut de Physique du Globe de Paris / Collège de France* ➢ Data access and other related issues in seismic imaging of the Earth's deep interior • *Dr Cordelia Schmid, INRIA Research Director, Grenoble* ➢ Data access to images and videos in the context of visual recognition <u>Discussion followed by joint preparation of feedback to the plenary – key messages and recommendations</u>

SESSION 3c: **Domain specific perspectives: Social Sciences and Humanities** **Venue: Ground floor Auditorium** *Moderator: **Professor Martin Stokhof**, ERC Scientific Council / University of Amsterdam* *Co-moderator: **Professor Nicholas Canny**, ERC Scientific Council, Chair of the Open Access working group* *Rapporteur: **Dr Pascal Dissard**, Open Access Task force, Team Leader, ERCEA-B.2: Call and Project Follow-up Coordination*	
15.30 – 18:00	<u>Presentations by **invited ERC grantees** from the Social Sciences and Humanities domain</u> • *Dr Peter Stokes, Senior Lecturer, Department of Digital Humanities, King's College London* ➢ Data (Re)Use in the Humanities: The Example of DigiPal • *Dr Daniela Stockman, Associate Professor, Department of Political Science, Leiden University* ➢ Authoritarianism2.0: Keeping Big Data Safe in China • *Professor Jo Van Biesebroeck, Department of Economics, University of Leuven* ➢ Using confidential & proprietary administrative data in research <u>Discussion followed by joint preparation of feedback to the plenary – key messages and recommendations</u>

18:00	**End of Day 1**

Day 2: 19 September 2014

8.30 – 9:00	Arrival of participants and security check

SESSION 4: Reporting from the parallel sessions of Day 1 and debate

Venue: Auditorium 'Nowotny' (25th floor)

*Chair: **Dr José Labastida**, Head of Department, ERCEA-B: Scientific Management*

9.00 – 10:00	***Dr Eleni Zika**, ERCEA-B.3:* - Report from the session on 'Domain specific perspectives: Life Sciences' ***Dr David Krasa**, ERCEA-B.3:* - Report from the session on 'Domain specific perspectives: Physical Sciences and Engineering' ***Dr Pascal Dissard**, ERCEA-B.2:* - Report from the session on 'Domain specific perspectives: Social Sciences and Humanities'

10:00 – 10:10	**Moving to parallel sessions (coffee will be served during the parallel sessions)**

SESSION 5a: Cross-cutting issues: Data management and data sharing

Venue: Auditorium 'Nowotny' (25th floor)

*Moderator: **Dr Theodore Papazoglou**, Head of Unit ERCEA-A.1: Support to the Scientific Council*
*Co-moderator: **Dr Monique Smaihi**, Team Leader, ERCEA-B.2: Call and Project Follow-up Coordination*
*Rapporteur: **Dr Sebastian Winkler**, ERCEA-B.5: Social Sciences and Humanities*

10:10 – 12:30	<u>Presentations by invited speakers</u> **Sarah Jones**, *Senior Institutional Support Officer, DCC – Digital Curation Centre:* - Managing and sharing data ***Dr Jacob Kornbeck**, Legal Officer, Policy & Consultation Unit, Secretariat of the European Data Protection Supervisor* - The EU Data Protection Reform: what researchers should know <u>Short contribution:</u> ***Mahsa Shabani**, PhD Researcher, Centre for Biomedical Ethics and Law, KU Leuven:* - Ethical and Legal Challenges of Data Sharing in Genomic Research <u>Discussion followed by joint preparation of feedback to the plenary – key messages and recommendations</u>

	SESSION 5b: Cross-cutting issues: Data storage and curation – quality, sustainability and interoperability **Venue: SDR 2&3 (25th floor)** *Moderator: **Professor Martin Stokhof,** ERC Scientific Council, Open Access working group / University of Amsterdam* *Co-moderator: **Dr Ben Tubbing,** Head of Unit ERCEA-B.1: Process Management and Review* *Rapporteur: **Dr Alice Rajewsky,** Team Leader, ERCEA-B.5: Social Sciences and Humanities*

10:10 – 12:30	<u>Presentations by invited speakers</u>
	• ***Dr Ingrid Dillo**, Deputy Director, DANS – Data Archiving and Networked Services:*
	   ➢ European Digital Repository Certification: the way forward
	• ***Dr Mark Hahnel,** Founder, figshare:*
	   ➢ Future-proofing digital research
	<u>Short contribution:</u>
	• ***Dr Andreas-Alexander Maul**, Federal Institute for Geosciences and Natural Resources (BGR), Germany*
	   ➢ Geodata Management at BGR and its Challenges
	<u>Discussion followed by joint preparation of feedback to the plenary – key messages and recommendations</u>

	SESSION 5c: Cross-cutting issues: Data discoverability, data access and data (re-)use **SDR 'Dingwell' (20th floor)** *Moderator: **Professor Tomasz Dietl**, ERC Scientific Council, Open Access working group / Institute of Physics, Polish Academy of Sciences* *Co-moderator: **Dr Barbara Ensoli**, ERC Scientific Council / National AIDS Center, Rome* *Rapporteur: **Dr Line Fredslund Volkers**, Open Access Task force, ERCEA-B.2: Call and Project Follow-up Coordination*

10:10 – 12:30	<u>Presentations by invited speakers</u>
	• ***Dr Jo McEntyre,** Head of Literature Services, European Bioinformatics Institute (EMBL-EBI)*
	   ➢ Enabling Open Science: Data Discoverability, Access and (Re)use
	• ***Dr Stavroula Karapapa**, Associate Professor at the School of Law, University of Reading:*
	   ➢ Copyright and the Big Data: Regulating the power of knowledge
	<u>Short contribution:</u>
	• ***Dr Hylke Koers,** Head of Content Innovation, Elsevier*
	   ➢ Supporting research data sharing, discovery, and usage at Elsevier
	<u>Discussion followed by joint preparation of feedback to the plenary – key messages and recommendations</u>

SESSION 5d: Cross-cutting issues: Rewards and incentives for good data management, data sharing and re-use **SDR 'Mas-Colell' (23rd floor)** *Moderator:* **Professor Núria Sebastián Gallés**, *Vice President of the ERC, former member of the Open Access working group / Universitat Pompeu Fabra* *Co-moderator:* **Dr Tim Hunt**, *ERC Scientific Council, Open Access working group* *Rapporteur:* **Dr Claudia Alves de Jesus Rydin**, *Open Access Task force, ERCEA-B.4: Physical Sciences and Engineering*	

10:10 – 12:30	<u>Presentations by invited speakers</u>
	• **Dr Paul Ayris**, *Chair of the Chief Information Officers Community, LERU - League of European Research Universities:*
	    ➤ Implementing the Future: the LERU Roadmap for Research Data
	• **Dr Sünje Dallmeier-Tiessen**, *Open Science Research Fellow, CERN / ODIN - Orcid and DataCite Interoperability Network*
	    ➤ Incentives for Open Science: Attribution, Recognition, Collaboration
	<u>Short contribution:</u>
	• **Dr Veerle Van den Eynden**, *Manager Research Data Management Team, UK Data Archive, University of Essex*
	    ➤ Incentives for sharing research data: evidence from five European case studies
	<u>Discussion followed by joint preparation of feedback to the plenary – key messages and recommendations</u>

12:30 – 13:30	**Lunch break**

SESSION 6: Reporting from the breakout sessions of Day 2 and debate **Venue: Auditorium 'Nowotny' (25th floor)** *Chair:* **Dr Theodore Papazoglou**, *Head of Unit ERCEA-A.1: Support to the Scientific Council*	

13.30 – 14:45	• **Dr Sebastian Winkler**, *ERCEA-B.5:*
	    ➤ Report from the session on 'Cross-cutting issues – Data management and data sharing'
	• **Dr Alice Rajewsky**, *ERCEA-B.5:*
	    ➤ Report from the session on 'Cross-cutting issues – Data storage and curation – quality, sustainability and interoperability'
	• **Dr Line Fredslund Volkers,** *ERCEA-B.2:*
	    ➤ Report from the session on 'Cross-cutting issues – Data discoverability, data access and data (re-)use'
	(continued on next page)

	• *Dr Claudia Alves de Jesus Rydin,* ERCEA-B.4:
	➤ Report from the session on 'Cross-cutting issues – Rewards and incentives for good data management, data sharing and re-use'

	SESSION 7: Round table discussion and closing
	Venue: Auditorium 'Nowotny' (25th floor)
	Chair: **Professor Nicholas Canny,** *ERC Scientific Council, Chair of the Open Access working group*

14.45 – 15:50	<u>Discussion with invited panel members and the audience</u> • ***Dr Jean-Claude Burgelman,*** *European Commission, DG Research and Innovation, Head of Unit RTD-A.6: Science policy, foresight and data* • ***Dr Jennifer Lin,*** *Senior Product Manager, Data Program Lead, PLOS – Public Library of Science* • ***Géraldine Clément-Stoneham,*** *Knowledge and Information Manager, Medical Research Council* • ***Professor Torbjørn Digernes,*** *Former Rector at the Norwegian University of Science and Technology / EUA - European University Association and Chair of the Open Access WG of CESAER – Conference of European Schools for Advanced Engineering Education and Research* • ***Dr Lynn Kamerlin,*** *Chair of the Young Academy of Europe, ERC Starting Grant, Uppsala University*
15.50 – 16:00	<u>Closing remarks – lessons learnt and next steps</u> • ***Professor Nicholas Canny,*** *ERC Scientific Council, Chair of the Open Access working group*

16:00	**End of the workshop**