iPRES 2019

Preliminary Programme

Amsterdam // 16 – 20 September 2019

www.ipres2019.org

PORTICO

libnova
DIGITAL PRESERVATION

Het Nieuwe Instituut | architecture design digital culture

arcsys

[dm] DATA MATTERS

Preservica
Active digital preservation

KNAW Humanities Cluster

SOUND AND VISION

LIMA

ARKHÊnum
CONSULTING   DIGITIZING   SHARING

Gemeente Amsterdam Stadsarchief

DiVAULT

BMC
YACHT GROUP

ExLibris
Rosetta

eye

Data Archiving and Networked Services
DANS

dpc
DigitalPreservationCoalition

nestor

PRESERVED IN
CLOCKSS

WELCOME

A very warm welcome to iPRES 2019 and to Amsterdam, The Netherlands!

iPRES brings together scientists, students, researchers, archivists, librarians, providers, and other experts to share recent developments and innovative projects in a wide variety of topics in digital preservation from strategy to implementation, and from international and local initiatives. Year on year the debate and research profiled at iPRES have moved digital preservation from a technology driven niche specialism of experts to a global challenge with the community to match.

iPRES 2019 is hosted by the Dutch Digital Heritage Network, a collaborative effort of a group of leading heritage institutes, helping to address the challenge of reliable access to digital resources. The ultimate goal is to develop a network of common facilities, services and knowledge base to improve the visibility, usability, and sustainability of the rich digital collections of Dutch heritage institutes. iPRES and the Digital Heritage Network are all about preserving our digital heritage for the future.

Amsterdam and the Eye Film Museum welcome the international digital preservation community to the historical grounds of a remarkable city where vessels once set sail to explore new lands. The Eye Film Museum is directly opposite Amsterdam Central Station, IJ Promenade 1, 1031 KT Amsterdam. From the station, a ferry takes you across the harbour to the Eye Film Museum. Take the ferry in the direction of **Buiksloterweg**. The 24/7 ferry service is free of charge and leaves every few minutes. For directions to the conference venue you can check the iPRES 2019 website.

We offer you the **preliminary programme** of the 16th International Conference on Digital Preservation. More details will be added in the forthcoming months. It may be possible that sessions change because of cancellations by presenters or other causes, but we do our best to keep the structure and the sessions as described in this programme.

The Conference Theme is **Eye on the Horizon**, aiming to broaden the voices and approaches participating in the conference, reflecting the venue and looking forward to the future. The future of digital collections but also the future of the iPRES community. This main theme is subdivided into five major themes:

- Collaboration: a Necessity, an Opportunity or a Luxury?
- Designing and Delivering Sustainable Digital Preservation
- Exploring New Horizons
- Building Capacity, Capability and Community
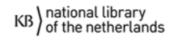- The Cutting Edge: Technical Infrastructure and Implementation

Join us to explore the state of the art in digital preservation and set your Eye on the Horizon.

Marcel Ras
iPRES 2019 General Chair

Barbara Sierman
iPRES 2019 Vice Chair

Angela Puggioni
Communications Officer

iPRES 2019 is hosted by the partners working together in the Dutch Digital Heritage Network.

CONFERENCE ORGANISATION

Programme Committee

General Chair
Marcel Ras (Dutch Digital Heritage Network)

Vice Chair
Barbara Sierman (KB National Library of The Netherlands)

Communications
Angela Puggioni (AP Tekst & Communicatie)

Paper & Panel Chairs
Andrea Goethals (National Library of New Zealand)
Barbara Signori (Swiss National Library)
Pamela Vizner (AVP)
Zhenxin Wu (Library of Chinese Academy of Science)

Workshop & Tutorial Chairs
Jesse de Vos (NL Institute for Sound and Vison)
Katherine Thornton (Yale University)

Poster & Demonstration Chairs
Natalie Harrower (Digital Repository of Ireland)
Tim Walsh (Concordia University)

Hackathon Chairs
Klaus Rechert (University of Freiburg)
Annet Dekker (Amsterdam University)

Communications Team
Jessica Meyerson (Educopia Institute)
William Kilbride (Digital Preservation Coalition)

Great Digital Preservation Bake-Off Team

Robert Gillesse (IISH)
Tim Walsh (Concordia University)
Michelle Lindlar (TIB - Leibniz Information Centre for Science and Technology)
Pepijn Lucker (National Archives Netherlands)
Jenny Mitcham (Digital Preservation Coalition)
Marcel Ras (Dutch Digital Heritage Network)
Barbara Sierman (KB National Library of The Netherlands)

Local Organizing Committee

Marcel Ras (Dutch Digital Heritage Network)
Barbara Sierman (KB National Library of The Netherlands)
Angela Puggioni (AP Tekst & Communicatie)
Annet Dekker (Amsterdam University)
Pepijn Lucker (National Archives Netherlands)
Walter Swagemakers (Eye Film Museum)
Remco van Veenendaal (National Archives Netherlands)
Erwin Verbruggen (NL Institute for Sound and Vison)
Ingeborg Verheul (LCRDM/Surf)

Reviewers

Aija Vahtola, National Library of Finland
Angela Dappert, Digital Life-Cycle Management
Ben O'Brien, National Library of New Zealand
Ben Fino-Radin, small data industries
Bertram Lyons, AVP
Cal Lee, University of North Carolina at Chapel Hill
Courtney Mumma, Univ. of Texas Libraries
David Pearson, Department of Parliamentary Services (Australia)
Dorothy Waugh, Stuart A. Rose Manuscript, Archives, and Rare Book Library
Eld Zierau, Royal Danish Library
Erwin Verbruggen, Netherlands Institute for Sound and Vision
Evelyn McLellan, Artefactual
Gang Chen, Institute of High Energy Physics, CAS
Heikki Helin, CSC – IT Center for Science
Ingeborg Verheul, LCRDM – SurfSara
Jan Hutar, Archives New Zealand
Jane Kelly, Harvard University
Jaye Weatherburn, The University of Melbourne
Jenny Mitcham, Digital Preservation Coalition
Jessica Moran, National Library of New Zealand
Jiao Li, Institute of Medical Information and Library
John Richan, Concordia University
Joost van der Nat, Dutch Digital Heritage Network
José Borbinha, Lisbon University
Kate Murray, Library of Congress
Laura Molloy, Digital Curation Centre
Laurents Sesink, Leiden University Library
Libor Coufal, National Library of Australia
Mariella Guercio, University of Roma Sapienza
Martin Klein, Los Alamos National Laboratory
Matthias Priem, VIAA
Matthew Addis, Arkivum
Maureen Pennock, British Library
Michal Indrak, Moravian Library
Michelle Lindlar, Technische Informationsbibliothek
Nancy McGovern, MIT Libraries
Natalie Pang, National University of Singapore
Neil Jefferies, Bodleian Library
Perla Olivia Rodríguez Reséndiz, Universidad Nacional Autónoma de México
Peter May, British Library
Raivo Ruusalepp, National Library of Estonia
Remco van Veenendaal, National Archives Netherlands
Robert Buckley, UAE National Archives
Robert Gillesse, IISH
Sarah Cook, Glasgow University
Sarah Mason, University of Oxford
Sharon McMeekin, Digital Preservation Coalition
Sheila Morrissey, Portico
Shigeo Sugimoto, University of Tsukuba
Shira Peltzman, UCLA
Siang Hock Kia, National Library Board Singapore
Sibyl Schaefer, UCSD
Stefan Strathmann, Goettingen State and University Library
Stefana Breitwieser, Canadian Centre for Architecture
Steve Knight,National Library of New Zealand
Susan Reilly, Quatar National library
Tobias Steinke, DNB
Trevor Owens, Library of Congress
Ulla Bøgvad Kejser, Royal Library of Denmark
Xiaodong Qiao, Wanfang data Co.
Xiaolin Zhang, Shanghai Technical University
Yunpeng Qu, Library of Chinese Academy of Science
Zhixiong Zhang, Library of Chinese Academy of Science

PROGRAMME OVERVIEW MONDAY 16 SEPTEMBER

Workshop	Tutorial

8:30 9:30	**REGISTRATION**					
		Room at the Top	**IJ lounge**	**Waterfront**	**Studio**	**K-Space**
9:30 12:30		TUTORIAL 1 TUTORIAL 2	WORKSHOP 1	WORKSHOP 2	TUTORIAL 3	TUTORIAL 4
12:30 13:30	**LUNCH BREAK**					
13:30 16:30		TUTORIAL 2 WORKSHOP 3	WORKSHOP 4	WORKSHOP 5	TUTORIAL 5	WORKSHOP 6

DETAILED PROGRAMME MONDAY

8:30 – 9:30 Foyer	**Conference Registration**
9:30 – 11:00 Room at the Top	**TUTORIAL 1**
	Understanding and Implementing PREMIS Karin Bredenberg (National Archives of Sweden), Eld Zierau (Royal Danish Library) and Angela Di Iorio (Sapienza University of Rome Library System)
11:00 – 15:00 Room at the Top	**TUTORIAL 2**
	Understanding and Implementing METS Karin Bredenberg (National Archives of Sweden), Sean Mosely (National Library of New Zealand) and Juha Lehtonen (CSC – IT Center for Science)
9:30 – 12:30 IJ lounge	**WORKSHOP 1**
	Preserving Complex Digital Objects Sara Day Thomson (Digital Preservation Coalition), Caylin Smith (British Library & UK LDLs) and Patricia Falcao (Tate)
9:30 – 12:30 Waterfront	**WORKSHOP 2**
	A cost model for analysing and controlling the cost of long-term digital accessibility as a strategic decision-making tool Herman Uffen (BMC), Walter Swagemakers (Eye Film Museum) and Ernst Van Velzen (Eye Film Museum)
9:30 – 12:30 Studio	**TUTORIAL 3**
	Machine Learning For Big Text: A Tutorial On Using Predictive Coding Tools To Process Large Archival Datasets Brent West (University of Illinois) and Joanne Kaczmarek (University of Illinois)
9:30 – 12:30 K-Space	**TUTORIAL 4**
	Reviews, Appraisal, and Triage of Mail: A Tutorial Christopher Lee (University of North Carolina) and Kam Woods (University of North Carolina)

12:30 - 13:30	**Lunch Break**
15:00 – 16:30 Room at the Top	**WORKSHOP 3**
	Preservation Metadata Workshop Karin Bredenberg (National Archives of Sweden), Neil Jefferies (Bodleian Digital Libraries), Sarah Romkey (Artefactual Systems Inc.) and Andreas Nef (Docuteam GmbH)
13:30 – 16:30 IJ lounge	**WORKSHOP 4**
	Preservation Action Rules Workshop. Parcore: See one, Do one, Teach one Justin Simpson (Artefactual Systems Inc.), Matthew Addis (Arkivum), Jack O'Sullivan (Preservica), Carl Wilson (Open Preservation Foundation), Sarah Romkey (Artefactual Systems Inc.) and Jon Tilbury (Preservica)
13:30 – 16:30 Waterfront	**WORKSHOP 5**
	Introducing the Memento Tracer Framework for scalable high-quality web archiving Martin Klein (Los Alamos National Laboratory) and Herbert Van De Sompel (DANS)
13:30 – 16:30 Studio	**TUTORIAL 5**
	Managing And Preserving Digital Content With Fedora David Wilcox (DuraSpace), Andrew Woods (DuraSpace) and Daniel Bernstein (DuraSpace)
13:30 – 16:30 K-Space	**WORKSHOP 6**
	Level Up on Preservation: Updating and Mapping the next generation of the Levels of Preservation Bradley Daigle (Academic Preservation Trust), Corey Davis (Council of Prairie and Pacific University Libraries), Helen Tibbo (University of North Carolina at Chapel Hill), Lauren Work (University of Virginia) and Aaron Collie (Federal Reserve Bank of St. Louis)

PROGRAMME OVERVIEW TUESDAY 17 SEPTEMBER

Keynotes	Papers	Panels	Hackathon

8:30 – 9:30	REGISTRATION				
	Cinema 1	**Room at the Top**	**IJ lounge**	**Waterfront**	**Studio**
9:30 10:00	**WELCOME**				
10:00 11:00	**KEYNOTE 1 Geert Lovink**				Hackathon
11:00 11:30	BREAK				
11:30 12:30	**COLLABORATION** Collaboration	**NEW HORIZONS** Research Data	**CUTTING EDGE** Emulation	**SUSTAINABILITY**	Hackathon
12:30 13:30	LUNCH BREAK				
13:30 15:00	**COLLABORATION** Collaboration	**NEW HORIZONS** Access & FAIR	**CUTTING EDGE** Common Formats	**SUSTAINABILITY**	Hackathon
15:00 15:30	BREAK				
15:30 17:00	**iPRES Community panel** Working Group results update	**NEW HORIZONS** Web Archiving	**CUTTING EDGE** Emerging Formats	**SUSTAINABILITY**	Hackathon
17:00 19:00	**WELCOME RECEPTION at EYE Film Museum**				

DETAILED PROGRAMME TUESDAY

8:30 – 9:30 Foyer	**Conference Registration**
9:30 – 10:00	**OPENING & WELCOME** Welcome by Sandra den Hamer (Director Eye Film Museum) Lily Knibbeler (Director KB National Library of The Netherlands & Chair of the Dutch Digital Heritage Network Board) Marcel Ras (General Chair of iPRES 2019 and Digital Preservation Program Manager at the DDHN) Barbara Sierman (Vice Chair iPRES 2019 and Digital Preservation Manager at the KB National Library of The Netherlands)
10:00 – 11:00 Cinema 1	**KEYNOTE 1**
	Urgencies of Digital Publishing Geert Lovink (Institute of Network Cultures)
	Geert Lovink is the founding director of the Institute of Network Cultures, whose goals are to explore, document and feed the potential for socio-economical change of the new media field through events, publications and open dialogue. As theorist, activist and net critic, Lovink has made an effort in helping to shape the development of the web. Lovink is a Research Professor of Interactive Media at the Hogeschool van Amsterdam (HvA) and a Professor of Media Theory at the European Graduate School. Lovink earned his master's degree in political science at the University of Amsterdam, holds a

	PhD from the University of Melbourne and has been a postdoctoral fellow at the University of Queensland.
11:00 – 11:30	**Break**
11:30 – 12:30 Cinema 1	**COLLABORATION // Collaboration**
	Archivematica as a Case Study for Sustained Digital Preservation Ashley Blewer (Artefactual Systems Canada), Sarah Romkey (Artefactual Systems Canada) and Ross Spencer (Artefactual Systems Canada)
	Reformat Required: Addressing "Paper Minds" through a New Collaborative Model for Digital Knowledge Transfer Angela Beking (Library and Archives Canada)
	One repository solution doesn't fit all. Towards a distributed and collaborative approach to digital preservation services at the Amsterdam City Archives Ana van Meegen Silva (Amsterdam City Archives)
11:30 – 12:30 Room at the Top	**NEW HORIZONS // Research Data**
	Integrating Dataverse and Archivematica for Research Data Preservation Meghan Goodchild (Scholars Portal & Queen's University) and Grant Hurley (Scholars Portal)
	JISC Open Research Hub - Integrate, Deposit, Discover and Preserve Paul Stokes (JISC), John Kaye (JISC), Tamsin Burland (JISC), Dom Fripp(JISC), Tom Davey (JISC) and Matt McGowan (JISC)
11:30 – 12:30 IJ lounge	**CUTTING EDGE //Emulation**
	Towards a Universal Virtual Interactor (UVI) for Digital Objects Euan Cochrane (Yale University Library), Klaus Rechert (OpenSLX GmbH), Seth Anderson (Yale University Library), Jessica Meyerson (Educopia Institute) and Ethan Gates (Yale University Library)
	Giving Access to Multimedia Objects in Libraries - Implementing a Solution Tobias Steinke (Deutsche Nationalbibliothek)
11:30 – 12:30 Waterfront	**SUSTAINABILITY //PANEL**
	Chair: Craig Van Dyck (CLOCKSS) **PIDs & Preservation: Incorporating persistent identifiers in a preservation strategy** Helena Cousijn (DataCite), Ginny Hendricks (Crossref) and Alice Meadows (ORCID)
10:00 – 17:00 Studio	**HACKATHONS**
	Hackathon Team 1: Reading the Matrix. A Hackathon linking digital forensics to user access Seth Anderson (Yale University Library), Alex Chassanoff (Educopia Institute), Ethan Gates (Yale University Library) **Hackathon 2: Explore 'significant properties' of VR artworks** Jack McConchie (Tate) and Tom Ensom (Tate)
12:30 – 13:30	**Lunch Break**
13:30 – 15:00 Cinema 1	**COLLABORATION // Collaboration**
	Setting Up Open Access Repositories: Challenges and Lessons from Palestine Rawia Awadallah (IUG), Iyad Alagha (IUG), Tomasz Miksa (TU Wien), Andreas Rauber (TU Wien), Joy Davidson (UoG), Adnan Yahya (BZU), Anna Maria Tammaro (University of Parma), Stefano Caselli (University of Parma), Janet Anderson (UoB), David Anderson (UoB), Nael Salman (PTUK), and Yousef AbuZir (QOU)
	Digital Preservation and Enterprise Architecture Collaboration at the University of Melbourne: A Meeting of Mindsets Jaye Weatherburn (University of Melbourne), Lyle Winton (University of Melbourne) and Sean Turner (University of Melbourne)

	Building a User Group for a Digital Preservation Product Jonathan Tilbury (Preservica), Remke Verdegem (National Archives Netherlands) and Euan Cochrane (Yale University Library)
	Together Forever, or How We Created a Common and Collaborative Digital Preservation Service Johan Kylander (CSC – IT Center for science), Heikki Helin (CSC – IT Center for science), Kimmo Koivunen (CSC – IT Center for science) and Juha Lehtonen (CSC – IT Center for science)
13:30 – 15:00 Room at the Top	**NEW HORIZONS // Web Archiving**
	Who is asking? Humans and Machines experience a different Scholarly Web Martin Klein (Los Alamos National Laboratory), Lyudmila Balakireva (Los Alamos National Laboratory) and Harihar Shankar (Los Alamos National Laboratory)
	Saving Data Journalism: Using ReproZip-Web to Capture Dynamic Websites for Future Reuse Katherine Boss (New York University), Vicky Steeves (New York University), Rémi Rampin (New York University), Fernando Chirigati (New York University) and Brian Hoffman (New York University)
	Data Stewards and Digital Preservation in Everyday Research Practice Esther Plomp (TU Delft), Yan Wang (TU Delft) and J.S. Love (TU Delft)
13:30 – 15:00 IJ lounge	**CUTTING EDGE // Common Formats**
	Recovering '90s Data Tapes - Experiences From the KB Web Archaeology project Johan van der Knijff (KB National Library of the Netherlands)
	Extensive Extensions: Exploring File Extensions in Library of Congress Collections Mark Cooper Cooper (Library of Congress), Aly Desrochers (Library of Congress), Jesse Johnston (Library of Congress), Camille Salas (Library of Congress) and Trevor Owens (Library of Congress)
	What is the Standard Format for Digitized Audio? Approaches for Storing Complex Audio Objects Nick Krabbenhoeft (New York Public Library)
	The Case For A Standard That's Old News: Recommendation of PDF/A for Digitized Newspaper Preservation Anna Oates (Federal Reserve Bank of St. Louis) and William Schlaack (University of Illinois at Urbana-Champaign)
13:30 – 15:00 Waterfront	**SUSTAINABILITY // PANEL**
	Chairs: Jessica Tieman (Government Publishing Office) & Maureen Pennock (British Library) **Dawn of Digital Repositories Certification under ISO 16363. Exploring the Horizon and beyond** David Giaretta (Primary Trustworthy Authorisation Body Ltd), Lisa LaPlant (Government Publishing Office), Jamie Shiers (CERN), Jessica Tieman (Government Publishing Office), Irfan Zuberi (Indira Gandhi National Centre for the Arts) and Maureen Pennock (British Library)
15:00 – 15:30	**Break**
15:30 – 17:00 Cinema 1	**iPRES Community Panel**
	iPRES Community Working Group results update
15:30 – 17:00 Room at the Top	**NEW HORIZONS // Access & FAIR**
	FAIR Data Work @ DANS: Implementing Metrics, Reviews, and More Peter Doorn (DANS), Marjan Grootveld (DANS) and Francesca Morselli (DANS)
	CoreTrustSeal–certified repositories: Enabling Findable, Accessible, Interoperable, and Reusable (FAIR) Data Mustapha Mokrane (Data Archiving and Networked Services) and Jonas Recker (GESIS Data Archive for the Social Sciences)
	Australian Law Implications on Digital Preservation Timothy Robert Hart (Flinders University), Denise de Vries (Flinders University) and Carl Mooney (Flinders University)
15:30 – 17:00 IJ lounge	**CUTTING EDGE // Emerging Formats**

	Considerations on the Acquisition and Preservation of eBook Mobile apps Maureen Pennock (The British Library), Peter May (The British Library) and Michael Day (The British Library)
	Supporting Virtual Reality and 3D in Academic Libraries: Defining Preservation and Curation Challenges Zack Lischer-Katz (University of Oklahoma), Matt Cook (University of Oklahoma), Nathan Hall (Virginia Tech), Juliet Hardesty (Indiana University), Jamie Wittenberg (Indiana University), Jennifer Johnson (Indiana University - Purdue University Indianapolis), Robert McDonald (University of Colorado Boulder) and Tara Carlisle (University of Oklahoma)
	Development and improvement of Image processing scheme for Archiving inscription Hideyuki Uesugi (National Institute of Japanese Literature), Masayuki Uesugi (Japan Synchrotron Radiation Research Institute) and Teruhiro Tani (Wakasa-ji Culture Research Institute)
	Passive Digital Preservation Now & Later Vincent Joguin (Eupalia)
15:30 – 17:00 Waterfront	**SUSTAINABILITY // PANEL**
	Chair: Erwin Verbruggen (Netherlands Institute for Sound and Vision) **(I Can't Get No) Satisfaction: Measuring Success in Digital Stewardship Programs** Karl-Rainer Blumenthal (Internet Archive), Peggy Griesinger (University of Notre Dame), Julia Kim (Library of Congress), Shira Peltzman (University of California, Los Angeles), Victoria Steeves (New York University)
17:00 – 19:00	**WELCOME RECEPTION AT THE EYE FILM MUSEUM**

PROGRAMME OVERVIEW WEDNESDAY 18 SEPTEMBER

Keynotes	Papers	Panels	Hackathon	GDPBO	Posters

8:30 9:30	STARTING THE DAY WITH COFFEE & TEA				
	Cinema 1	**Room at the Top**	**IJ lounge**	**Waterfront**	**Studio**
9:30 9:45	**WELCOME**				
9:45 10:30	**KEYNOTE 2** **Michelle Caswell**				Hackathon
10:30 11:00	**BREAK**				
11:00 12:30	**DEMONSTRATIONS**	**GDPBO** End-to-end sessions	**POSTERS**	**POSTERS**	Hackathon
12:30 13:30	**LUNCH BREAK**				
13:30 15:00	**CAPACITY BUILDING** Skills & Capacity	**GDPBO** End-to-end sessions		**NEW HORIZONS**	Hackathon
15:00 15:30	**BREAK**				
15: 30 17:00	**CAPACITY BUILDING** Repositories	**GDPBO** End-to-end sessions	**SUSTAINABILITY** OAIS	**NEW HORIZONS**	Hackathon
17:00 23:00	**CANAL CRUISE AND CONFERENCE DINNER**				

DETAILED PROGRAMME WEDNESDAY

8:30 – 9:30 Foyer	**Starting the Day with Coffee and Tea**
9:30 – 9:45	**WELCOME DAY 2**
9:45 – 10:30 Cinema 1	**KEYNOTE 2**
	Whose Digital Preservation? Locating Our Standpoints to Reallocate Resources Michelle Caswell (UCLA)
	Michelle Caswell is an Associate Professor of Archival Studies in the Department of Information Studies at the University of California Los Angeles (UCLA), where she also holds a joint appointment with Asian American studies. Her work in critical archival studies engages how individuals and communities activate archives to forge identities, create robust representations, and produce feelings of belonging. Caswell directs a team of students at UCLA's Community Archives Lab, which explores the ways that independent, identity-based memory organizations document, shape, and provide access to the histories of minoritized communities, with a particular emphasis on understanding their affective, political, and artistic impact.
10:30 – 11:00	**Break**
11:00 – 17:00	**HACKATHONS**

Studio	
	Hackathon Team 1: Reading the Matrix. A Hackathon linking digital forensics to user access Seth Anderson (Yale University Library), Alex Chassanoff (Educopia Institute), Ethan Gates (Yale University Library) **Hackathon 2: Explore 'significant properties' of VR artworks** Jack McConchie (Tate) and Tom Ensom (Tate)
11:00 12:30 Cinema 1 & Foyer	**DEMONSTRATION SESSIONS**
	Demonstrations A list of all Demonstrations at display is given below.
11:00 12:30 Room at the Top	**GREAT DIGITAL PRESERVATION BAKE-OFF**
	End-to-end solutions session (Part 1)
11:00 12:30 IJ lounge & Waterfront	**POSTER SESSION**
	Digital Poster Demonstrations A list of all Posters at display is given below.
11:30 – 12:30 tba	**iPRES Steering Group Meeting**
	For iPRES Steering Group members only
12:30 – 13:30	**Lunch Break**
13:30 – 15:00 Cinema 1	**CAPACITY BUILDING // Skills & Capacity**
	Building the future of digital preservation in French archival services Processes, functions and staffing for an effective digital preservation Marion Humbert (Ministry of Culture France), Edouard Vasseur (Ministry of Armed Forces–Vitam Proiram) and Stéphanie Roussel (Mintika)
	People Get Ready: Building Sustainability into Digital Preservation Workforce Development Sharon McMeekin (Digital Preservation Coalition)
	Sustainability through Community: ffmprovisr and the Case for Collaborative Knowledge Transfer Andrew Weaver (Washington State University) and Ashley Blewer (Artefactual Systems, MediaArea)
	Building Network Capacity Among Memory Institutions: A Multi-strand Development Approach Melinda Haunton (The National Archives), Jo Pugh (The National Archives) and James Travers (The National Archives)
	Building Resilience at the National Geoscience Data Center: Enhancing Digital Data Continuity through Research Data Management Training Jaana Pinnick (National Geoscience Data Centre)
13:30 – 15:00 Room at the Top	**GREAT DIGITAL PRESERVATION BAKE-OFF**
	End-to-end solutions session (Part 2)
13:30 – 15:00 Waterfront	**NEW HORIZONS // PANEL**
	Chair: Andrea Goethals (National Library of New Zealand) **Cloud Atlas: Navigating the Cloud for Digital Preservation** Andrea Goethals (National Library of New Zealand), Maria Praetzellis (Internet Archive), Roslynn Ross (Library and Archives Canada) and Nicholas Taylor (Stanford Libraries)
15:00 – 15:30	**Break**
15:30 – 17:00 Cinema 1	**CAPACITY BUILDING // Repositories**

	Eye on the Core Trust Seal - Reflections on Repository Type, Designated Community and Level of Curation in R0 Michelle Lindlar (TIB - Leibniz Information Centre for Science and Technology) and Pia Rudnik (ZB MED - Information Centre for Life Sciences)
	Managing Preservation Costs with managed Ingest: The Portico Straight-to-Ingest Project Sheila Morrissey (Portico) and Amy Kirchhoff (Portico)
	Fedora and the Oxford Common File Layout: Enhancing Support for Digital Preservation David Wilcox (DuraSpace)
15:30 – 17:00 Room at the Top	**GREAT DIGITAL PRESERVATION BAKE-OFF**
	End-to-end solutions session (Part 3)
15:30 – 17:00 IJ lounge	**SUSTAINABILITY // OAIS**
	Aligning eARK4All Archival Information Package and Oxford Common File Layout Specifications Neil Jefferies (Bodleian Libraries University of Oxford), Karin Bredenberg (Swedish National Archives) and Angela Dappert (Springer Nature)
	A Perspective from Digital Preservation on Sustainability of E-Infrastructures Simon Lambert (UKRI-STFC)
	OAIS Version 3 Draft Updates David Giaretta (PTAB Ltd), John Garrett (Garrett Software), Mark Conrad (NARA), Eld Zierau (Royal Danish Library), Terry Longstreth (Washington Acad. Sciences), John Steven Hughes (JPL), Matthias Hemmje (FernUniversität Hagen) and Felix Engel (FernUniversität Hagen)
15:30 – 17:00 Waterfront	**NEW HORIZONS // PANEL**
	Chair: William Kilbride (Digital Preservation Coalition) **Achieving Criticality of Preservation Knowledge: Sustaining Digital Preservation in the Nuclear Field** Elizabeth Kata (International Atomic Energy Agency), Jenny Mitcham (Digital Preservation Coalition), Philip Greatorex (Sellafield Ltd.) and Jim Moye (J&A Preservation)
17:00 – 23:00	**CANAL CRUISE AND CONFERENCE DINNER**

PROGRAMME OVERVIEW THURSDAY 19 SEPTEMBER

Keynotes	Papers	Panels	Hackathon	GDPBO	Posters	Ad Hoc progr

8:30 9:30	STARTING THE DAY WITH COFFEE & TEA				
	Cinema 1	**Room at the Top**	**IJ lounge**	**Waterfront**	**Studio**
9:30 11:00	**SUSTAINABILITY** Preservation Planning	**GDPBO** Preservation Tools	**AD HOC** Programme	**COLLABORATION**	Hackathon
11:00 11:30	BREAK				
11:30 12:30	**SUSTAINABILITY** Risk Management	**GDPBO** Preservation Tools	**CUTTING EDGE** Internet Art	**CAPACITY BUILDING**	Hackathon
12:30 13:30	LUNCH BREAK				
13:30 14:30	**HACKATHON** Results presentations	**GDPBO** Preservation Tools	**SUSTAINABILITY** Linked Data & Metadata	**CUTTING EDGE**	
14:30 15:15	**KEYNOTE 3** Eliot Higgins				
15:15 16:00	**iPRES Community panel** The future of iPRES				
16:00 16:30	**CLOSING SESSION**				

DETAILED PROGRAMME THURSDAY

8:30 – 9:30 Foyer	**Starting the Day with Coffee and Tea**
9:30 – 11:00 Cinema 1	**SUSTAINABILITY // Preservation Planning**
	Preservation Planning, Beacons for a TDR Marjolein Steeman (Netherlands Institute for Sound and Vision)
	The Integrated Preservation Suite: Scaled and automated preservation planning for highly diverse digital collections Peter May (British Library), Maureen Pennock (British Library) and David Russo (British Library)
	Building Sustainable Digital Preservation - A Typology of Digital Collections Helen Hockx-Yu (University of Notre Dame) and Don Brower (University of Notre Dame)
9:30 – 11:00 Room at the Top	**GREAT DIGITAL PRESERVATION BAKE-OFF**
	Function and Content Specific Preservation Tools session (Part 1)
9:30 11:00 IJ lounge	**AD HOC PROGRAMME**
	To be announced
9:30 11:00	**COLLABORATION // PANEL**

Waterfront	
	Chair: Eefke Smit (STM) **Stronger together: Collaboration as a matter of course. Publishers Round Table** Eefke Smit (International Association of STM Publishers), Craig van Dyke (CLOCKSS), Wouter Haak (Elsevier), Maurits van der Graaf (Pleiade market Research) and Kate Wittenberg (Portico)
9:30 – 12:30 Studio	**HACKATHONS**
	Hackathon Team 1: Reading the Matrix. A Hackathon linking digital forensics to user access Seth Anderson (Yale University Library), Alex Chassanoff (Educopia Institute), Ethan Gates (Yale University Library) **Hackathon 2: Explore 'significant properties' of VR artworks** Jack McConchie (Tate) and Tom Ensom (Tate)
11:00 – 11:30	**Break**
11:30 – 12:30 Cinema 1	**SUSTAINABILITY // RISK MANAGEMENT**
	Preservation of Metadata - A case study of a strategy to ensure technology agnostic metadata preservation Eld Zierau (Royal Danish Library)
	An Overview of the Digital Preservation Storage Criteria and Usage Guide Eld Zierau (Royal Danish Library), Sibyl Schaefer (University of California, San Diego), Nancy McGovern (Massachusetts Institute of Technology) and Andrea Goethals (National Library of New Zealand)
	Early Exit Strategies in Digital Preservation Ashley Adair (University of Texas Libraries, University of Texas at Austin), Maria Esteva (Texas Advanced Computing Center, University of Texas at Austin) and Benn Chang (University of Texas Libraries, University of Texas at Austin)
11:00 12:30 Room at the Top	**GREAT DIGITAL PRESERVATION BAKE-OFF**
	Function and Content Specific Preservation Tools session (Part 2)
11:30 – 12:30 IJ lounge	**CUTTING EDGE // Internet Art**
	Preservation strategies for an internet-based artwork yesterday, today and tomorrow Claudia Roeck (University of Amsterdam), Rafael Gieschke (University of Freiburg), Klaus Rechert (University of Freiburg) and Julia Noordegraaf (University of Amsterdam)
	Provenance for Internet Art: Using the W3C PROV data model Lozana Rossenova (London South Bank University / Rhizome), Dr Karin de Wild (University of Leicester) and Dragan Espenschied (Rhizome)
11:30 – 12:30 Waterfront	**CUTTING EDGE // PANEL**
	Chair: to be announced **The People and Processes of Digital Preservation: International organizations leveraging internal wisdom to build support for digital records** Jeanne Kramer-Smyth (World Bank Group), Montserrat Canela (UNHCR) and Ineke Deserno (NATO)
12:30 – 13:30	**Lunch Break**
13:30 – 14:30 Cinema 1	**HACKATHON RESULTS**
	Chair: To be Announced Presentation of the Hackathon results
13:30 – 14:30 Room at the Top	**GREAT DIGITAL PRESERVATION BAKE-OFF**
	Function and Content Specific Preservation Tools session (Part 3)
13:30 – 14:30 IJ lounge	**SUSTAINABILITY // Linked Data & Metadata**

	A pragmatic application of PREMIS Jack O'Sullivan (Preservica Ltd), Richard Smith (Preservica Ltd), Alan Gairey (Preservica Ltd) and Kevin O'Farrelly (Preservica Ltd)
	Getting Data out of Wikidata Katherine Thornton (Yale University) and Kenneth Seals-Nutt (Kenneth Seals-Nutt)
	The Matterhorn RDF Data Model: Formalizing Archival Metadata With SHACL Tobias Wildi (docuteam GmbH) and Alain Dubois (Archives de l'Etat du Valais)
13:30 – 14:30 Waterfront	**CUTTING EDGE // PANEL**
	Chair: Paul Wheatley (Digital Preservation Coalition) **Preserving eBooks: Past, Present and Future - A Series of National Library Perspectives** Trevor Owens (Library of Congress), Maureen Pennock (British Library), Faye Lemay (Library & Archives Canada) and Tobias Steinke (Deutsche Nationalbibliothek)
14:30 – 15:15 Cinema 1	**KEYNOTE 3**
	Bellingcat and Beyond - The Future for Bellingcat and Online Open Source Investigation Eliot Higgins (Bellingcat)
	Eliot Higgins is the founder and CEO of Bellingcat. Launched in 2014 Bellingcat has played a major role in the growth of online open source investigation, making key findings in the shooting down of MH17 in 2014, and conflict in Syria, and the poisoning of Sergei Skripal in the UK. Bellingcat has recently opened a new headquarters in The Hague, and is currently focused on a major new project documenting the conflict in Yemen, and working with Dutch organisations to spread the use of online open source investigation at a local level.
15:15 – 16:00	**iPRES COMMUNITY PANEL**
	The future of iPRES
16:00 – 16:30	**CLOSING SESSION**
	Eppo van Nispen tot Sevenaer (Director of the Netherlands Institute for Sound and Vision & Dutch Digital Heritage Network Board member) Marcel Ras (General Chair of iPRES 2019 and Digital Preservation Program Manager at the DDHN) Barbara Sierman (vice Chair iPRES 2019 and Digital Preservation Manager at the National Library of The Netherlands) Hand over to iPRES 2020

PROGRAMME OVERVIEW FRIDAY SEPTEMBER 20

10:00 13:00	PROFESSIONAL VISITS				
	Visits to Dutch Digital Heritage Institutes on different location in The Netherlands.				
10:00 13:00	iPRES 2019 SATELLITE MEETINGS				
		Internet Archive			

DETAILED PROGRAMME FRIDAY

10:00 – 13:00	PROFESSIONAL VISITS
	The Professional Visits Programme allows all iPRES attendees to take a peek into the digital preservation world of The Netherlands and to see how some of Hollands best collections are being preserved. Some of the venues you can visit are in Amsterdam, some of them at a short distance away from Amsterdam (max. 1 hour train). You will travel on your own and a host will welcome you at the venue. The hosting organizations will offer a program in which they will present their achievements in digital preservation.
	Participating Institutes: • Eye Film Museum, Amsterdam • Atria, Institute on gender equality and women's History, Amsterdam • Amsterdam City Archives, Amsterdam • International Institute of Social History, Amsterdam • LIMA, Platform for Media Art, Amsterdam • SURF, Amsterdam • KB National Library of The Netherlands, Den Haag • National Archives Netherlands, Den Haag • DANS, Institute for permanent Access to digital Research Data, Den Haag • Netherlands Institute for Sound and Vision, Hilversum • Het Nieuwe Institute, State Archive for Architecture and Urban Planning, Rotterdam • Nederlands Fotomuseum, Rotterdam • Stadsarchief Rotterdam, Rotterdam
10:00 – 13:00 Room at the Top	INTERNET ARCHIVE MEETING
	Internet Archive Web Services is hosting a free, half-day meeting on Friday, September 20. The meeting will include updates on the latest web archiving tools and technologies and opportunities for advancing the field. This meeting is free and open to all, though registrants from current Internet Archive partner organizations will receive priority registration. More information is available on the Internet Archive website: https://archive-it.org/blog/2019-internet-archive-web-services-partner-meeting/ To register: https://www.tfaforms.com/4705356
10:00 – 13:00 IJ lounge	**Available for satellite meetings**
10:00 – 13:00 Waterfront	**Available for satellite meetings**
10:00 – 13:00 Studio	**Available for satellite meetings**

POSTERS

Posters will be presented on screens as ePoster on Wednesday 18 September, 11:00 – 12:30, in two rooms: IJ lounge & Waterfront.

Significant Properties Of Spreadsheets
Remco van Veenendaal (National Archives Netherlands), Frederik Holmelund Kjærskov (Danish National Archives), Kati Sein (National Archives of Estonia), Jack O'sullivan (Preservica), Anders Bo Nielsen (Danish National Archives), Philip Mike Tømmerholt (Danish National Archives) and Jacob Takema (National Archives of The Netherlands)

Preferred, obsolete or in-between? Developing a criteria catalogue for AV-Material - Preservation Planning at the German National Library of Science and Technology (TIB)
Merle Friedrich (German National Library of Science and Technology)

Engaging Decision makers: An Executive Guide on Digital Preservation
Sarah Middleton (DPC) and Sharon McMeekin (DPC)

A Bayesian model of Digital Preservation risk for the disruptive Digital Archive
Alec Mulinder (The National Archives), Sonia Ranade(The National Archives) and David Underdown (The National Archives)

Enhancing Services to Preserve New Forms of Scholarship
Kate Wittenberg (Portico), Karen Hanson (Portico), David Millman (New York University), Craig Van Dyck (CLOCKSS) and Susan Doerr (University of Minnesota)

The Australasia Preserves Story: Building a digital preservation community of practice in the Australasian region
Jaye Weatherburn (University of Melbourne)

Score Model for the preservation of digital collections - a case for another digital preservation self-evaluation tool
Robert Gillesse (IISH) and Bert Lemmens (PACKED/VIAA)

Preservation to the People: Bringing Digital Preservation to the U.S. Public through the Memory Lab Network
Siobhan Hagan (DC Public Library)

Crisis Management in the Digital Age
Chris Cassells (University of Glasgow)

The Web Curator tool relaunch
Jeffrey van der Hoeven (KB National Library of The Netherlands) and Ben O'Brien (National Library of New Zealand)

ARCHIVER - Archiving and Preservation for Research Environments
João Fernandes (CERN), Jamie Shiers (CERN), Bob Jones (CERN) and Sara Pittonnet Gaiarin (TRUST-IT)

Software Preservation Services in Cultural Heritage Organizations
Wendy Hagenmaier (Georgia Institute of Technology), Christa Williford (Council on Library and Information Resources), Monique Lassere (University of Arizona), Lauren Work (University of Virginia), Jessica G. Benner (Carnegie Mellon University) and Seth Erickson (The Pennsylvania State University)

Creating Continuity for Digital Preservation Projects
Edith Halvarsson (Bodleian Libraries Oxford) and Sarah Mason (University of Oxford)

Science Europe Core Requirements and Domain Protocols for Research Data Management
Peter Doorn (DANS)

Long-Term Preservation of PDF Files in Institutional Repositories in Japan
Teru Agata (Asia University) , Yosuke Miyata (Teikyo University) and Atsushi Ikeuchi (University of Tsukuba)

Concept of Preservation of PDF files in institutional preservation systems for scientific experiments in HPC
Kyryll Udod (Ulm University), Volodymyr Kushnarenko (Ulm University) and Stefan Wesner (Ulm University)

Malware Threats in Digital Preservation: Extending the evidence base
Maureen Pennock (British Library), Michael Day (British Library) and Evanthia Samaras (Sidney University of Technology)

Digital Preservation in a high security environment: Student Records, Encryption, and Preservation
Annalise Berdini (Princeton University)
Videotex Art Restoration: Technical and Conceptual Challenges

John Durno (University of Victoria)

CD-ARK: A Tool for Cooperative Processing of Optical Discs
Zdeněk Hruška (Moravian Library)

Safe Havens for Archives At Risk - Guidelines, Principles and Approaches
Afelonne Doek (IISH) and Tim Gollins (National Records of Scotland)

Archiving the Scholarly Git Experience
Vicky Steeves (New York University) and Genevieve Milliken (New York University)

A versatile solution for Long-Term Preservation of Research Data
Pierre-Yves Burgi (Université de Genève), Hugues Cazeaux (Université de Genève) and Lydie Echernier (Université de Genève)

Introduction on Authorized Preservation Practice of the National Digital Preservation Program in China
Chao Wang (National Science Library, Chinese Academy of Science), Zhenxin Wu (National Science Library, Chinese Academy of Science) and Jiancheng Zheng (National Science Library, Chinese Academy of Science)

Preservation Metadata Dictionary - PREMIS implementation in practice
Marjolein Steeman (The Netherlands Institute for Sound and Vision) and Yvette Hollander (The Netherlands Institute for Sound and Vision)

DEMONSTRATIONS
Demonstrations will be presented on Wednesday 18 September, 11:00 – 12:30, in Cinema 1.

The Integrated Preservation Suite: Demonstrating a scalable preservation planning toolset for diverse digital collections
Peter May (British Library), Maureen Pennock (British Library) and David Russo (British Library)

Demonstration of the RATOM Toolset: Appraisal, And Triage of Mail
Christopher Lee (The University of North Carolina at Chapel Hill) and Kam Woods (The University of North Carolina at Chapel Hill)

From Preservation To Access In One Step: Aviary: An Access Platform For Audiovisual Content
Pamela Vizner (AVP) and Bertram Lyons (AVP)

SCOPE: A Digital Archives Access Interface
Stefana Breitwieser (Canadian Centre for Architecture)

JISC OPEN RESEARCH HUB - Demonstration—from Repository to Preservation
Paul Stokes (JISC), John Kaye (JISC), Tamsin Burland (JISC), Dom Fripp (JISC) and Tom Davey (JISC)

CONTACT

For questions regarding the programme of the conference, registration or sponsoring, please contact:

Marcel Ras
Organizing and Program Chair iPRES 2019
+31 (0) 614 77 76 71
marcel.ras@netwerkdigitaalerfgoed.nl

Barbara Sierman
Organizing and Program Vice-Chair iPRES 2019
+31 (0) 644 67 49 06
barbara.sierman@kb.nl

Angela Puggioni
Communications Officer iPRES 2019
+31 (0) 653 18 53 33
communications@ipres2019.org

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