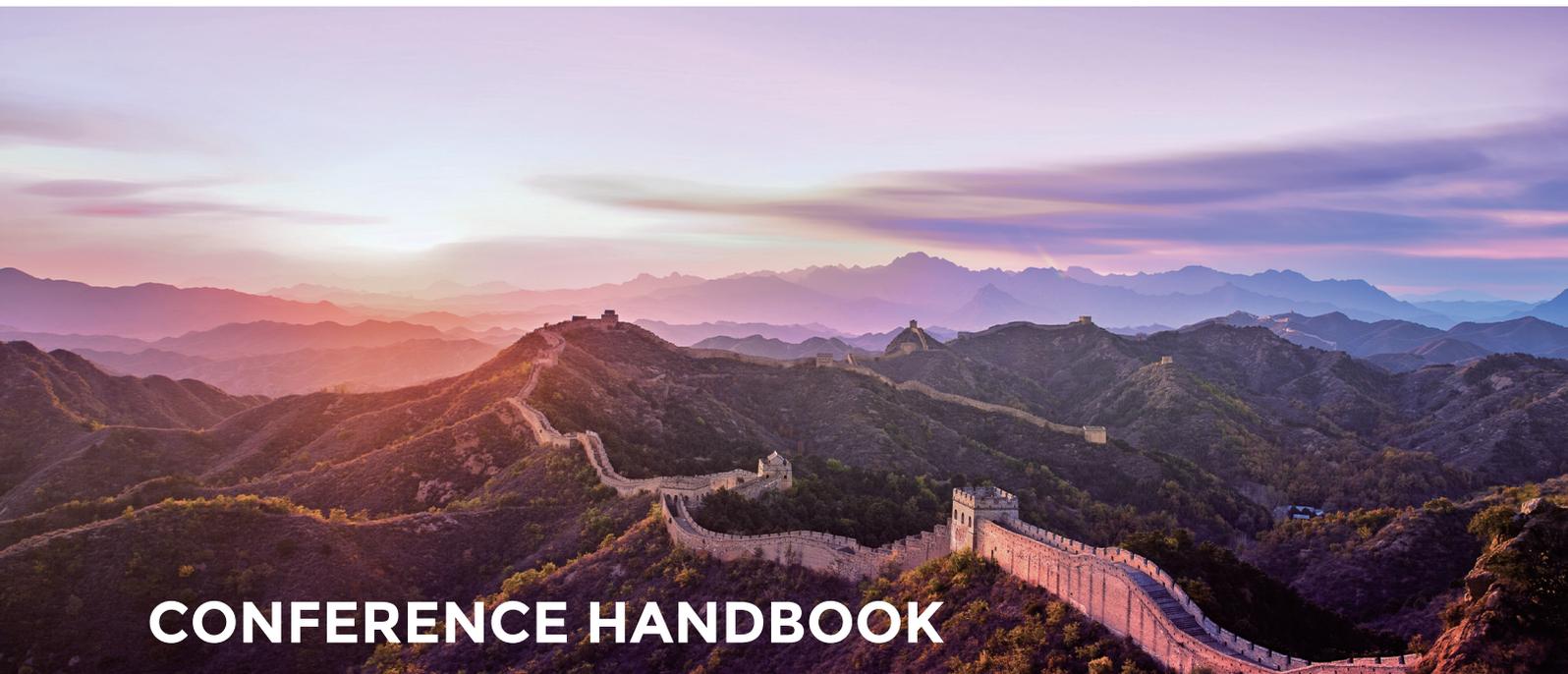




# iPRES2021

17th International Conference on Digital Preservation



## CONFERENCE HANDBOOK

Beijing · China // 19-22 October, 2021

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**Dear iPRES2021 Participants,**

On behalf of the iPRES2021 Organizing Committee and hosting organizations, we sincerely welcome you to iPRES2021, the 17th International Conference on Digital Preservation.

As we all are fully witnessing, the world is fast moving into a digital one, impacting not only on science and technology, but also on education, industries, economy, cultural activities, and daily life in all walks of life in society. In a true sense, we live digitally in many ways, and are enriched digitally to a large extent.

As such, the safeguarding and long-term preservation of digital information, assets, and resources becomes critical for the healthy and robust operating of the society, and is key to diverse, inclusive, fair, and sustainable development of us all and our world.

It is with this context, **iPRES2021 will be held on Oct 19-22, 2021, both onsite in Beijing, China, and at the same time virtually online.** As a part of the iPRES conference which is the premier conference series on digital preservation annually around the globe, iPRES2021 will focus on **Empowering Digital Preservation for the Enriched Digital Ecosystem**, with sub-themes covering Exploring the New Horizons, Scanning the New Development, Enhancing the Collaboration, Building the Capacity, and COVID-19 and Digital Preservation. We are fortunate to have experts and practitioners from all the world to present their recent research and development in keynote speeches, paper presentations, panel discussions, workshops and tutorials, lightning talks, and posters.

Due to the current situation, iPRES2021 will be held in a hybrid model, while the attendees within mainland China will be mostly onsite in Beijing, the participants from outside will join online through a virtual iPRES2021 meeting platform. We appreciate the understanding and support from the international digital preservation community, and we are making all the efforts to accommodate the cross-continent participation and interactively live communication of the conference, to enable iPRES2021 to be an interesting and high-quality experience.

**We hope to meet you all at iPRES2021 and hope you enjoy the event.**

**Yiqi PENG**

Director, National Science and  
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Co-Chair  
**iPRES2021** Organizing Committee

**Xiwen LIU**

Director, National Science Library,  
Chinese Academy of Sciences  
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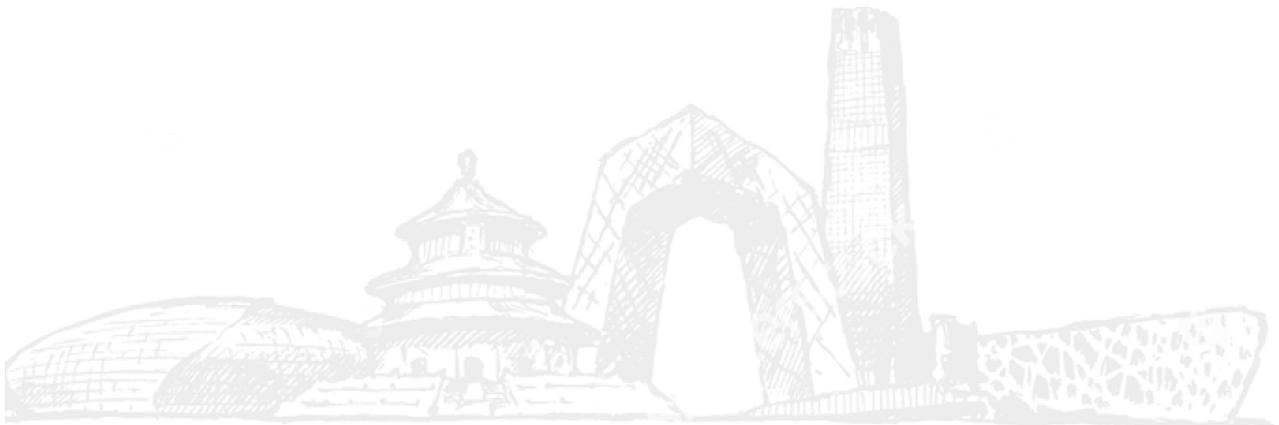
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### Organization of iPRES2021 as a Hybrid Model

To enable widest participation in the current situation due to varied policies and measures against the pandemic, iPRES2021 will be held in a hybrid model. Registered international colleagues will participate online through the Zoom iPRES2021 Virtual Meeting Hall, and the attendees from mainland China will join the conference activities onsite at the National Science Library in Beijing, China.

To accommodate the different time zones from the participants cross multiple continents, the conference timing of iPRES2021 is adjusted as indicted in the page "**General Program Schedule**". Please inform yourself with the content and schedule of the sessions.

Online participants will enter into the Zoom iPRES2021 Virtual Meeting Hall, during Oct.19 to Oct.22, 2021, via iPRES2021 Virtual Meeting Hall (<https://zoom.ipres2021.ac.cn>).

Please see detail: **GENERAL INFORMATION FOR ONLINE PARTICIPATION.**

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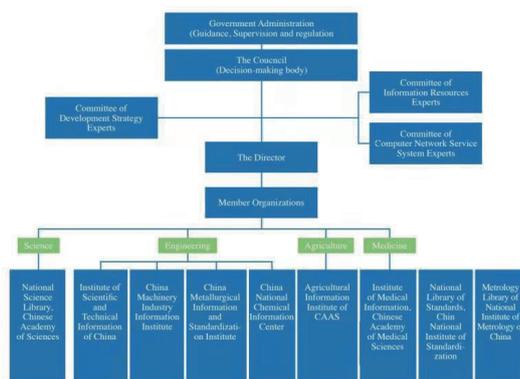


## National Science and Technology Library



国家科技图书文献中心  
National Science and Technology Library

The National Science and Technology Library (NSTL) is the national platform of scientific information resources and services, established by the State Council of China in 2000, funded by Ministry of Finance (MoF), and operating under the auspice of Ministry of Science and Technology, China.



NSTL runs as a cooperative network of major national STM information institutions, including:

- National Science Library, Chinese Academy of Sciences (NSLC)
- Institute of Science & Technology Information of China (ISTIC)
- Institute of Agricultural Information, Chinese Academy of Agricultural Sciences (ICAAS)
- Institute of Medical Information, Chinese Academy of Medical Sciences (ICAMS)
- Chinese Institute of Machinery Information (CIMI)
- China Institute of Metallurgical Information and Standardization (CIMIS)
- China Institute of Chemical Information (CICI)
- Standards Library of China National Institute of Standardization
- Library of National Institute of Metrology.

NSTL organizes a shared collection development by centralized budgeting, coordinated planning and acquisition with a division of responsibilities among its members, covering more than 23000 international journals and proceeding series, patents, standard literature, and tech reports. It also provides direct services for more than 600 e-journals. It has been the largest provider of S&T information service in China.

With the approval of the MoST, NSTL has started and funded the National Digital Preservation Program (NDPP, [www.ndpp.ac.cn](http://www.ndpp.ac.cn)) from 2013. NSLC, ISTIC and Peking University Library are the Qualified Archiving Institution of NDPP. By the end of 2020, they have preserved 68 full text journals and books databases from academic publishers, including Elsevier, Springer Nature, Wiley, Taylor & Francis, 11,939 foreign journals, 134,600 books, 834,000 dissertations, 27,092 Chinese journals, more than 1.8 million preprint articles and 20 database of archive journals.

In 2015, 100+ Chinese research and academic libraries, led by NSTL and NSLC, issued a Common Statement on Digital Preservation of Digital Information Resources demanding an inherent right to preserve locally the digital materials they subscribed and announcing their support for the NDPP. Since then, 200+ libraries signed the Common Statement.

[www.nstl.gov.cn](http://www.nstl.gov.cn)

## National Science Library, Chinese Academy of Sciences

The National Science Library, Chinese Academy of Sciences (NSLC) is the research library service system of CAS as well as the National Library of Sciences in Chinese National Science and Technology Libraries (NSTL) system. NSLC

consists of a Central Library (based in Beijing, formerly the Library of CAS) and two branch libraries, respectively Chengdu Branch Library (formerly Chengdu Library of CAS), and Wuhan Branch Library (formerly Wuhan Library of CAS). It is also authorized to coordinate resource development and service provision of all institutional libraries in CAS.



NSLC services as the national reserve library for scientific information resources in natural sciences, inter-disciplinary fields, and high-tech fields, providing services for the researchers and students of CAS and researchers around the country. It also provides services in information analysis, research information management, digital library development, scientific publishing and promotion of sciences.



NSLC is proactively leading national efforts to build a shared National Scientific Information Infrastructure. As the key member of NSTL, it organizes research and training activities for strategic planning for STM libraries, digital library standards, knowledge organization systems, digital preservation technologies and practices, and open access policies, in addition to provision of STM information nation-wide. It collaborates with major domestic and foreign libraries for resources sharing and research in library and information services.

NSLC continuously attends the IFLA (International Federation of Library Associations), EIFL (Electronic Information for Libraries), OR (Open Repository), COAR (Confederation of Open Access Repositories), ICSTI (International Council for Scientific and Technical Information), SCOAP3, BERLIN OPEN ACCESS CONFERENCE and the other international organization annual meeting as a member of the group.

NSLC, aiming at developing a world first-class information service abilities and leadership in S&T information services in the country, strives to strengthen its resources, improves its systems, and innovates its services, be engaged in the intelligent information services for the users.

[www.las.ac.cn](http://www.las.ac.cn)

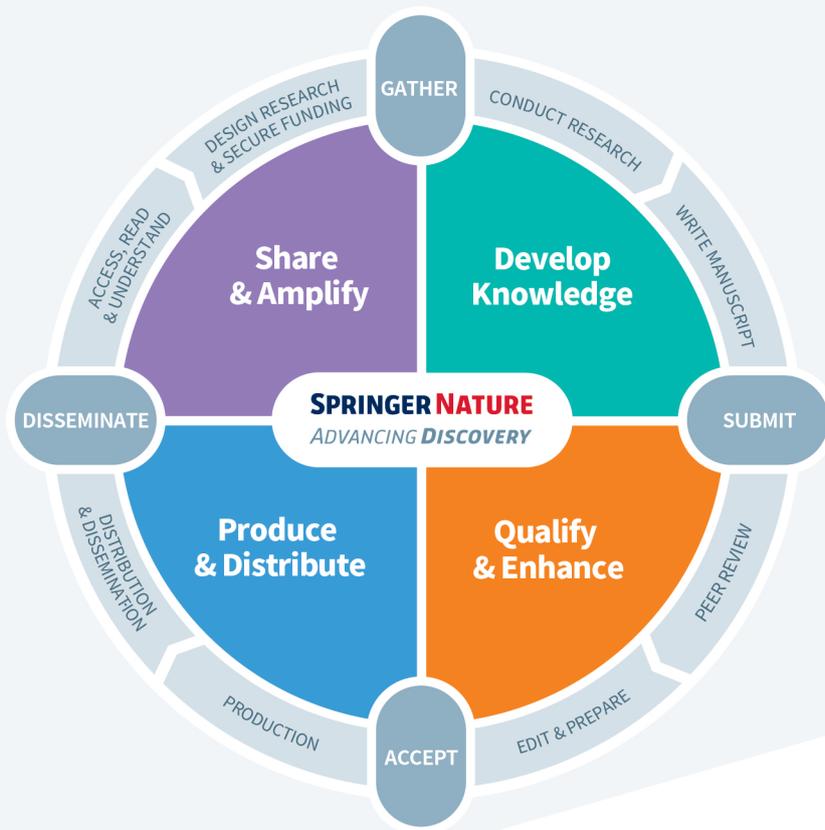
## Supporting Institutions

A number of major institutions heavily involved in digital preservation of scholarly and cultural materials are supporting the iPRES2021 as co-hosting institutions, including:

**The Branch of Special Libraries, Library Society of China**  
**The Branch of Public Libraries, Library Society of China**  
**The Branch of University Libraries, Library Society of China**  
**The Branch of Medical Libraries, Library Society of China**  
**National Library of China**  
**Institute of Medical Information & Library, Chinese Academy of Medical Sciences**  
**Peking University Library**  
**Institute of Agricultural Information, Chinese Academy of Agricultural Sciences**  
**Institute of Science and Technology Information of China**  
**Chinese Academy of Social Sciences Library**  
**The Museum of Chinese Local Chronicles**  
**The Palace Museum**  
**Dunhuang Academy**  
**National Geological Library of China**  
**Information Technology Professional Committee of the Society of Chinese Archives**  
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## **XUDONG WANG**

Born in February 1967 in Shandan, Gansu Province, China, Dr. Wang Xudong graduated in 2002 from Lanzhou University's College of Earth and Environmental Sciences with a Ph.D. in Geological Engineering.

Dr. Wang joined Dunhuang Academy in June 1991, serving consecutively as the academy's Deputy Director, Executive Deputy Director and Director. He is now a member of the Ministry of Culture and Tourism's CPC Leadership Team, and Director of the Palace Museum (at vice-ministerial level).

Dr. Wang's work has focused primarily on the conservation of caves, ancient mural paintings and earthen sites, as well as research into monitoring and early warning systems and the preventive conservation of cultural heritage. Since 1991, when he began his career in heritage conservation, he has presided over sixty conservation projects at nationally protected key cultural heritage sites, undertaken nearly twenty national, provincial or ministerial-level projects, and presided over or participated in more than ten international cooperation projects with cultural heritage protection and management institutions in other countries such as the United States, Japan, the United Kingdom and Australia. He has published over 170 academic papers and six monographs as primary author, including Key Earthen Site Conservation Technology Research and Normative Research on Ancient Mural Paintings. He has also received over ten national, provincial or ministerial-level science and technology awards, as well as winning the Ho Leung Ho Lee Foundation's Science and Technology Innovation Award. Dr. Wang has also obtained more than twenty technical patents, and presided over the compilation of five National and Industry Technology Standards. He has been granted many titles and awards, including 'Nationwide Outstanding Scientific and Technological Worker', 'Top Innovative Talent in the Publicity and Culture System', 'Gansu Province May 1st Labor Medal', 'Excellent Ministry of Culture Expert', 'Outstanding Gansu Province Expert', and 'Gansu Province Advanced Worker'. He has also been selected as a member of the National Hundred, Thousand and Ten Thousand Talents Project as well as Gansu Province's Leading Talents Project.

### **KEYNOTE: The Digital Palace Museum Beyond Space and Time**

Constructed in 1420, the Forbidden City is the world's largest and best preserved ancient palatial complex, and important carrier and historical epitome of Chinese culture. Since the Palace Museum was established in 1925, to fully preserve the heritage architecture and the art collections, generations of the Museum's staff members contribute to the forging of the integrated palace-institution museum entity and the "Four Palace Museums" development framework including "Safe Palace Museum", "Academic Palace Museum", "Digital Palace Museum", and "Dynamic Palace Museum". The comprehensive goal of the "Digital Palace Museum" is to better preserve and present the ancient Forbidden City's cultural heritage, to promote the universal sharing of cultural resources with the help of advanced information technologies and in accordance with the "authenticity, integrity, and availability" principles of long-term digital preservation. It is a vital goal for the Museum's development in the twenty-first century. "The Digital Palace Museum" provides guidance for upgrading information system, fostering digital protection of cultural heritage, and improving the management and access to digital resources. The merging of culture and technology will inspire cultural creativity, improve public cultural services system, jointly disseminates traditional Chinese culture. The Palace Museum will reach an ever-wider audience and better fulfill its mission to cherish our tradition and sustain our civilizations.



## TORSTEN REIMER

Dr. Torsten Reimer is Head of Content and Research Services at the British Library. As a member of the BL's leadership team, he is responsible for ensuring that the library's contemporary collections and research services meet the needs of our users online and onsite. This includes the strategic oversight of the digital preservation function and the replacement of the petabyte-scale strategic digital preservation and asset management system. Torsten has many years of experience working with digital research infrastructure, including positions at Jisc and Imperial College London. He combines a long-term interest in digital preservation

with a focus on user needs for access, partly informed by his background in digital humanities and scholarly communications (at the University of Munich and King's College London).

### **KEYNOTE: Does anybody care about digital preservation? Thinking about digital preservation from a perspective of access, collaboration and purpose**

Digital preservation can be hard to sell. Outside of the community, it is sometimes confused with disaster recovery and usually considered as an afterthought, as something librarians and archivists do. Even within our organisations, it can be a siloed activity, and the focus is usually on our "own" collections. Thinking more broadly though, it is a global responsibility that is perhaps better described as a collaborative endeavour to ensure persistent access. It should not exist in isolation. In this keynote, I will draw on both my personal experience and our collective work at the British Library to explore the bigger picture of collaborative digital preservation and what it means to 'do' digital preservation in practice. This includes the relationships we must build, both internally and externally, the related fields we should be aware of and seek to exchange knowledge with, and the many different lenses through which we can view, implement, and 'sell' preservation that all reflect the context and community that surrounds us.





## OYA Y. RIEGER

Oya Y. Rieger is a senior strategist on Ithaka S+R's Libraries, Scholarly Communication, and Museums team. She spearheads projects that reexamine the curation and preservation missions of cultural heritage organizations and explore sustainability models for open scholarship. Prior to joining Ithaka S+R, Rieger served as Associate University Librarian at Cornell University Library overseeing digital scholarship, preservation, collection development and scholarly publishing programs. As digital preservation has been a central point of her 25-year career, she has contributed to a range of international initiatives to design, develop, and

assess digital preservation initiatives and training programs. With a B.A. in Economics (Middle East Technical University, Turkey), she holds an M.S. in Public Administration (University of Oklahoma, US), an M.S. in Information Systems (Columbia University, US), and a Ph.D. in Human-Computer Interaction (Cornell University, US).

### **KEYNOTE: Documenting the Pandemic: Archiving the Present for Future Research, Policy, and Practice**

Since the outbreak of the pandemic, researchers from all around the world have been mobilized to help understand and combat COVID-19. Given the prevalence of information and communication technologies, the communities have been inundated by multimodal information about various aspects of the pandemic, involving text, image, video, and speech. The sources vary, expanding from governmental agencies to research institutions, from policy makers to advocacy groups. Although "big data" tends to get the most attention due to its scale, prominence, and potential to advance public health strategies, the long tail of research data (aka "small data") constitutes richly diverse and heterogeneous evidence that captures many sociological, political, economic, historic, and cultural aspects of the pandemic. What are some of the lessons learned from the COVID-19 pandemic about making both big and small data discoverable, accessible, and usable to a range of scholars and the general public? How can we preserve these rich and diverse sources of information not only for future generations but also for those who will be examining various aspects of the pandemic in the near future? What does it take to provide enduring access to trusted, well-documented, and diverse data so that we can learn from the present experiences to design a better future?





## XIWEN LIU

Research Fellow, Director of National Science Library of Chinese Academy of Sciences, and the Post Professor in Library and Information Science in Economics and Management School of University of Chinese Academy of Sciences, Members of International Council of Scientific and Technological Information (ICSTI) in ICSU. Chief Editor of Think Tank: Theory and Practice, Chief Editor of Science Focus. His research areas are S&T policy and strategic intelligence analysis, Open Science and Open Access Policy, Competitive Technical Intelligence, Disruptive Technology and Innovation, Copyright in Libraries, Information Mining and Analysis,

Enterprise technology strategy and regional economic development. He has been involved in several important research projects of decision-making services for scientific and technological policies and national S&T strategy.

### **KEYNOTE: Digital Preservation to support Digital Society**

Internationally or from China, we are in a digital age. China's Internet penetration rate reached 71.6% while Global Internet users reached 59.5%. Digital technologies robustly support case tracking, virtual meetings, and distance learning during the global fight against the pandemic, and, as President Xi of China pointed out, "Digital technology is fully integrating into various fields and the whole processes of our economy, politics, culture, society, ecological construction, with new ideas, new business models, and bringing extensive and profound impact on production and life of humanity".

Many countries vigorously promote the construction of digital society. As in the part about Digital China, China's 2035 Vision Plan, it will push for the development in digital economy, digital society, digital government, and digital ecosystem. European's Digital Decade Initiative also sets ambitious goals for skills, infrastructure, digital transformation of business, and digitization of public services. Gartner Hype cycle for digital workplace (2020) further confirms this trend.

In terms of digital information, we just got used to the increasing dominance of digital academic publishing, research data services, and preprinting resources. And, internationally and in China, people, especially the younger generation, are increasingly demanding and relying on digital services such as social media, streaming services, short video. Further, the growing mainstream status of rich media and convergence media has been changing the way media is run and even the service models of knowledge service institutions.

These are inevitably changing the long-term conservation ecosystem of digital resources we face. Everything digital and every process digital makes digital objects ubiquitous and hard to define and preserve. Lifecycle-based and user-driven continuous sharing and publishing enable all elements and full context publishing (such as Research Elements Publishing). Enhanced and extensible content, context-based content, service-enabled knowledge objects will be the new normal of digital preservation. Collaboration between participants and stakeholders throughout the content lifecycle asks for participatory management and preservation of all the parties and stakeholders.

We realize that there will be no trusted digital objects or reliable digital lifecycle without digital preservation, but the preservation of digital resources today still faces enormous challenges. We need a new framework for the digital preservation covering the business process lifecycle and the domain-wide or even cross-domain communities of partners, and we need to rethink who saves what and how. Not only does this mean a range of technical challenges, but it also requires a paradigm shift in the ways of participation, organization, governance, and cultural mechanisms to create preservation-friendly business processes, institutions, and societies.

### General Program Schedule

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Date	Beijing UTC+8	Washington DC UTC-5	Chicago UTC-6	London UTC+0	Canberra UTC+11	Berlin UTC+1	Zoom#1	Zoom#1	Zoom#2	Zoom#3	Zoom#4	
							Lecture Hall	Lecture Hall	Academics Hall	7D Meeting Room	Small Meeting Room	
Oct.19	18:00-19:30	06:00-07:30	04:00-05:30	11:00-12:30	21:00-22:30	12:00-13:30		Tutorial 1	Workshop 1	Tutorial 2	Hackathon	
	20:00-21:30	08:00-09:30	07:00-08:30	13:00-14:30	23:00-00:30	14:00-15:30		Tutorial 3	Workshop 2	Workshop 3	Hackathon	
Oct.20	16:00-17:30	04:00-05:30	03:00-04:30	09:00-10:30	19:00-20:30	10:00-11:30	Plenary 1-Opening Ceremony					
	18:00-19:30	06:00-07:30	05:00-06:30	11:00-12:30	21:00-22:30	12:00-13:30		Paper Session 1	Paper Session 2	Panel 1		
	20:00-21:30	08:00-09:30	07:00-08:30	13:00-14:30	23:00-00:30	14:00-15:30		Paper Session 3	Paper Session 4	Panel 2		
Oct.21	16:00-17:30	04:00-05:30	03:00-04:30	09:00-10:30	19:00-20:30	10:00-11:30	Plenary 2-Plenary Speech Session					
	18:00-19:30	06:00-07:30	05:00-06:30	11:00-12:30	21:00-22:30	12:00-13:30		Paper Session 5	Paper Session 6	Paper Session 7		
	20:00-21:30	08:00-09:30	07:00-08:30	13:00-14:30	23:00-00:30	14:00-15:30		Panel 3	Paper Session 8	Panel 4		
	22:00-23:30	10:00-11:30	09:00-10:30	15:00-16:30	01:00-02:30 (+1day)	16:00-17:30					STC Meeting	
Oct.22	09:00-11:30	21:00-21:30 (-1day)	20:00-22:30 (-1day)	02:00-11:30	12:00-14:30	03:00-06:00	Professional Visit					
	16:00-17:30	04:00-05:30	03:00-04:30	09:00-10:30	19:00-20:30	10:00-11:30	Open Local Event					
	18:00-19:30	06:00-07:30	05:00-06:30	11:00-12:30	21:00-22:30	12:00-13:30		Session 9 Lightning Talks-1	Session 10 Posters Presentation	Panel 5		
	20:00-21:30	08:00-09:30	07:00-08:30	13:00-14:30	23:00-00:30	14:00-15:30		Session 11 Lightning Talks-2 & Hackathon Presentation	Paper Session 12	Paper Session 13		
	22:00-23:30	10:00-10:30	09:00-10:30	15:00-16:30	01:00-02:30 (+1day)	16:00-17:30	Plenary 3-Closing Ceremony					

## Detailed Program

### 19 October, TUESDAY

<b>18:00-19:30</b> Lecture Hall	<b>TUTORIAL 1</b> Zoom#1
<b>UNDERSTANDING AND IMPLEMENTING METS - A TUTORIAL</b> Karin Bredenberg (Kommunalförbundet Sydarkivera, Sweden), Juha Lehtonen (CSC - IT Center for Science, Finland), Tobias Steinke (Deutsche Nationalbibliothek, Germany)	
<b>18:00-19:30</b> Academician's Hall	<b>WORKSHOP 1</b> Zoom#2
<b>WORKSHOP ON TRUSTWORTHINESS AUDITING FOR SUSTAINABLE DIGITAL PRESERVATION SERVICES</b> Xiaolin Zhang (National Science Library, CAS, China), Zhenxin Wu (National Science Library, CAS, China), Yunhai Tong (Library of Peking University, China)	
<b>18:00-19:30</b> 7D Meeting Room	<b>TUTORIAL 2</b> Zoom#3
<b>RIGHTS MANAGEMENT FOR RESEARCH DATA MANAGEMENT, SHARING, AND PRESERVATION</b> Zeyu Zhang (Computing and Networking Information Center, CAS, China), Lulu Jiang (Computing and Networking Information Center, CAS, China), Zhihong Shen (Computing and Networking Information Center, CAS, China)	
<b>20:00-21:30</b> Lecture Hall	<b>TUTORIAL 3</b> Zoom#1
<b>UNDERSTANDING AND IMPLEMENTING PREMIS - A TUTORIAL</b> Karin Bredenberg (Kommunalförbundet Sydarkivera, Sweden), Eld Zierau (The Royal Danish Library, Denmark), Michelle Lindlar (TIB Leibniz Information Centre for Science and Technology)	
<b>20:00-21:30</b> Academician's Hall	<b>WORKSHOP 2</b> Zoom#2
<b>GUIDELINES FOR THE SELECTION OF DIGITAL HERITAGE FOR LONG-TERM PRESERVATION: WHAT, WHY, WHEN</b> Ingrid Parent (University of British Columbia/IFLA, Canada), Anthea Seles (ICA), Jenna Murdock Smith (Library and Archives Canada), Claire McGuire (The International Federation of Library Associations and Institutions/IFLA, Netherlands)	
<b>20:00-21:30</b> 7D Meeting Room	<b>WORKSHOP 3</b> Zoom#3
<b>FROM CAPTURE TO REPLAY: WEB ARCHIVING WITH WEBRECORDER TOOLS</b> Lorena Ramirez-Lopez (webrecorder, USA), Ilya Kreymer (webrecorder, USA), Emma Dickson (webrecorder, USA)	

## 20 October, WEDNESDAY

<b>16:00-17:30</b> Lecture Hall	<b>Plenary 1</b> Zoom#1  <b>Opening Ceremony</b> <ul style="list-style-type: none"><li>▪ Welcome speech by iPRES2021 Chair</li><li>▪ Speech by Academician Jinpei Cheng (Honorary Chair, iPRES2021)</li><li>▪ Speech by Academician Tao Zhang (Honorary Chair, iPRES2021)</li><li>▪ Keynote Speech: The Digital Palace Museum Beyond Space and Time, by Xudong Wang (Director, The Place Museum, China)</li></ul>
<b>18:00-19:30</b> Lecture Hall	<b>Paper Session 1 - Scanning the New Development // File Format</b> Zoom#1  <b>IDENTIFICATION OF MULTI-PART DIGITAL OBJECTS</b> Jack O'Sullivan (Preservica Ltd, UK), Richard Smith (Preservica Ltd, UK), Jonathan Tilbury (Preservica Ltd, UK)  <b>THE SIGNIFICANT PROPERTIES OF SPREADSHEETS</b> Remco van Veenendaal (National Archives of the Netherlands), Lotte Wijsman (National Archives of the Netherlands), Asbjørn Skødt (Danish National Archives), Kati Sein (National Archives of Estonia), Jacob Takema (National Archives of the Netherlands), Jack O'Sullivan (Preservica, United Kingdom)  <b>THE TIP OF THE VALIDATION ICEBERG</b> Jay Gattuso (National Library of New Zealand), Andrea Goethals (National Library of New Zealand)  <b>TEXT FILE FORMAT IDENTIFICATION: AN APPLICATION OF AI FOR THE CURATION OF DIGITAL RECORDS</b> Santhilata Kuppili Venkata (The National Archives, UK), Paul Young (The National Archives, UK), Alex Green (The National Archives, UK)



## 20 October, WEDNESDAY

<b>18:00-19:30</b> Academician's Hall	<b>Paper Session 2 - Scanning the New Development // Data Object &amp; Metadata</b> Zoom#2
<b>EXPLORATION OF PRESERVATION METADATA TOWARDS MEDICAL RESOURCES LONG-TERM ARCHIVING</b> Chenliu Yang (Institute of Medical Information, Chinese Academy of Medical Sciences), Jiahui Hu (Institute of Medical Information, Chinese Academy of Medical Sciences), Qian Wang (Institute of Medical Information, Chinese Academy of Medical Sciences), Lei Wang (Institute of Medical Information, Chinese Academy of Medical Sciences), Kuanda Yao (Institute of Medical Information, Chinese Academy of Medical Sciences), An Fang (Institute of Medical Information, Chinese Academy of Medical Sciences)	
<b>WHEN DIGITAL REMEMBERS ANALOGUE - CONSERVATION METADATA FOR ANALOGUE FILM AS PRESERVATION DESCRIPTION INFORMATION IN A DIGITAL ARCHIVE</b> Michelle Lindlar (TIB - German National Library of Science and Technology), Merle Friedrich (TIB - German National Library of Science and Technology), Miriam Reiche (TIB - German National Library of Science and Technology)	
<b>THE ITALIAN GUIDELINES ON CREATION, MANAGEMENT AND PRESERVATION OF DIGITAL RECORDS. A PROPOSED METHODOLOGY FOR FILE FORMATS ASSESSMENT</b> Stefano Allegrezza (University of Bologna, Australia)	
<b>PROJECT PIPELINE: PRESERVATION, PERSISTENCE, AND PERFORMANCE</b> Jane Greenberg (Drexel University), Christopher B. Rauch (Drexel University), Mat Kelly (Drexel University)	
<b>18:00-19:30</b> 7D Meeting Room	<b>Panel 1</b> Zoom#3
<b>PANEL DISCUSSION ON LONG-TERM PRESERVATION AND UTILIZATION OF DIGITAL DUNHUANG RESOURCES</b> Peter Zhou (University of California, Berkeley), Linqiang Luo (Seagate Technology, US), Jian Wu (Dunhuang Academy, China), Kendell Chilton (Futurewei), Tianxiu Yu (Dunhuang Academy, China)	



## 20 October, WEDNESDAY

<b>20:00-21:30</b> Lecture Hall	<b>Paper Session 3 - Exploring the New Horizons // Software Preservation</b> Zoom#1
<b>PRESERVING LANDMARK LEGACY SOFTWARE WITH THE SOFTWARE HERITAGE ACQUISITION PROCESS</b> Roberto Di Cosmo (Inria and University of Paris, France), Carlo Montangero (University of Pisa, France), Guido Scatena (University of Pisa, France), Laura Bussi (University of Pisa, France)	
<b>3D PRESERVATION MODELS AND MODALITIES: ADVANCING RESEARCH REPRODUCIBILITY AND CAPACITY AT VIRGINIA TECH</b> AlexKinnaman (Virginia Tech,USA), Maureen Saverot (Virginia Tech, USA),YinlinChen (Virginia Tech, USA), KaraLong (Virginia Tech, USA),Nicholas Polys (Virginia Tech,USA), Sterling Nesbit (Virginia Tech, USA), Michelle Stocker (Virginia Tech, USA), Shuhai Xiao (Virginia Tech, USA), Nathan Hall (Virginia Tech, USA)	
<b>SOFTWARE PRESERVATION IN THE NETHERLANDS: LOWERING THE THRESHOLD FOR CULTURAL HERITAGE INSTITUTIONS</b> Jesse de Vos (The Netherlands Institute for Sound and Vision), Claudia Röck (The Netherlands Institute for Sound and Vision), Eoin O'Donohoe (The Netherlands Institute for Sound and Vision)	
<b>A USABILITY STUDY OF EMULATION</b> Jakob Moesgaard (Royal Danish Library, Denmark), Claus Jensen (Royal Danish Library, Denmark)	
<b>20:00-21:30</b> Academician's Hall	<b>Paper Session 4 - Building the Capacity &amp; Capability // Systematism &amp; Infrastructure</b> Zoom#2
<b>DIGITAL SERVICE DESIGN FOR MUSEUMS BASED ON DATA CURATION: TAKE THE CONSTRUCTION OF ONE-STOP ONLINE DIGITAL PLATFORM OF THE PALACE MUSEUM AS AN EXAMPLE</b> Xiaolu Kang (The Palace Museum, China)	
<b>EXECUTABLE ARCHIVES: SOFTWARE INTEGRITY FOR DATA READABILITY AND VALIDATION OF ARCHIVED STUDIES</b> Natasa Milic-Frayling (Intact Digital Ltd, UK), Marija Cubric (University of Hertfordshire, UK)	
<b>BUILDING POLICY &amp; CAPACITY: LAUNCHING THE U.S. LIBRARY OF CONGRESS DIGITAL COLLECTIONS MANAGEMENT COMPENDIUM</b> Trevor Owens (U.S. Library of Congress), Camille Salas (U.S. Library of Congress), Jesse Johnston (University of Michigan), Andrew Cassidy-Amstutz (U.S. Library of Congress), Pedro Gonzalez-Fernandez (U.S. Library of Congress), Kristy Darby (U.S. Library of Congress)	
<b>HARMONIZING HUMAN INFRASTRUCTURE: A CASE STUDY OF BRINGING PRESERVATION WORK-FLOWS OF A LIBRARY, ARCHIVE, AND MUSEUM INTO ALIGNMENT</b> Hanna Bertoldi (University of Notre Dame, USA), Peggy Griesinger (University of Notre Dame, USA), Mikala Narlock (University of Notre Dame, USA)	
<b>20:00-21:30</b> 7D Meeting Room	<b>Panel 2</b> Zoom#3
<b>BUILDING A LOCAL DIGITAL PRESERVATION INFRASTRUCTURE: EXPERIENCES IN SELECTING AND IMPLEMENTING DIGITAL PRESERVATION SYSTEMS</b> Oya Y. Rieger (Ithaka S+R, USA), Michael Boock (Oregon State University, USA), Lindsay McCormack (University of Oxford, UK), Nick Ruest (York University, UK)	

## 21 October, THURSDAY

<b>16:00-17:30</b> Lecture Hall	<b>Plenary 2</b> Zoom#1  <b>Keynote Speech: DOES ANYBODY CARE ABOUT DIGITAL PRESERVATION? THINKING ABOUT DIGITAL PRESERVATION FROM A PERSPECTIVE OF ACCESS, COLLABORATION AND PURPOSE</b> Torsten Reimer (Head, Content and Research Services, British Library)  <b>Keynote Speech: DOCUMENTING THE PANDEMIC: ARCHIVING THE PRESENT FOR FUTURE RESEARCH, POLICY, AND PRACTICE</b> Oya Y. Rieger (Senior Strategist, Ithaka S+R, Libraries, Scholarly Communication, and Museums)
<b>18:00-19:30</b> Lecture Hall	<b>Paper Session 5 - Exploring the New Horizons // Culture Heritage</b> Zoom#1  <b>RESEARCH ON 3D DIGITIZATION SCHEME OF CULTURAL RELICS PRESERVED FOR A LONG TIME</b> Peipei Zhang (The Palace Museum, China), Huan Liu (China Ordnance Industry Survey and Geotechnical Institute), Chenchen Hou (The Palace Museum, China)  <b>CONSTRUCTION OF MANAGEMENT PLATFORM FOR 3D MODEL OF CULTURAL RELICS</b> Fang Liu (National Museum of China), Huabiao Li (National Museum of China), Chao Yang (National Museum of China)  <b>CULTURAL HERITAGE PRESERVATION USING MULTIMEDIA AND AI</b> Juan Du (Library, Southern University of Science and Technology, China), Xiaoqing Zhang (Department of Computer Science and Engineering, Southern University of Science and Technology, China), Kailun Jiang (Cultural Heritage Laboratory, Center for Social Sciences, Southern University of Science and Technology, China), Yufan Hu (Shuli College, Southern University of Science and Technology, China), Jigen Tang (Cultural Heritage Laboratory, Center for Social Sciences, Southern University of Science and Technology, China), Jiang Liu (Department of Computer Science and Engineering, Southern University of Science and Technology, China), Henian E (Library, Southern University of Science and Technology, China)  <b>DNA4DNA: PRESERVING CULTURALLY SIGNIFICANT DIGITAL DATA WITH SYNTHETIC DNA</b> Eugenio Marinelli (EURECOM, France), Eddy Ghabach (EURECOM, France), Thomas Bolbroe (Rigsarkivet, Denmark), Omer Sella (Imperial College London, UK), Thomas Heinis (Imperial College London, UK), Raja Appuswamy (EURECOM, France)

## 21 October, THURSDAY

<b>18:00-19:30</b> Academician's Hall	<b>Paper Session 6 - Building the Capacity &amp; Capability // Policy &amp; Guide</b> Zoom#2
<b>RESEARCH AND PRACTICE ON DOMAIN ONTOLOGY OF ANCIENT CHINESE ARTIFACTS</b> Yipei Ye (The Palace Museum, China)	
<b>PRESERVING ACCESS TO WEB SERVERS</b> Rafael Gieschke (University of Freiburg, Germany), Klaus Rechert (University of Freiburg, Germany), Susanne Mocken (University of Freiburg, Germany)	
<b>BACK TO BASICS: THE MINIMUM PRESERVATION TOOL</b> Maureen Pennock (British Library), John Beaman (British Library), Peter May (British Library), Kevin Davies (British Library)	
<b>GROWTH RINGS AND DIGITAL PRESERVATION THREE MEDITATIONS ON STRATEGIES TO PRESERVE PERFORMANCE-DEPENDENT ITEMS</b> Louise Curham (School of Information Studies and Communication, Charles Sturt University, Australia), Louise Curham (University of Canberra, Australia)	
<b>18:00-19:30</b> 7D Meeting Room	<b>Paper Session 7 - Building the Capacity &amp; Capability // Audit and Evaluation</b> Zoom#3
<b>SCALABLE AND SUSTAINABLE LONG TERM DIGITAL PRESERVATION OF SCIENTIFIC DATASETS</b> Matthew Addis (Arkivum Ltd, UK)	
<b>UNDERSTANDING STORAGE INTERMEDIARIES</b> Helen Hockx-Yu (University of Notre Dame, USA), Don Brower (University of Notre Dame, USA)	
<b>FILEDRILLER: MARRYING SIEGFRIED AND THE NATIONAL SOFTWARE REFERENCE LIBRARY</b> Steffen Fritz (German Literature Archive)	
<b>TRANS-PE/AR(MAN)ENT ENGAGE VIRTUALIZATION AS A PRESERVATION STRATEGY TO CREATE AN OPEN, SUSTAINABLE, COLLABORATIVE INFRASTRUCTURE IN AN EXTENSIVE ART MUSEUM</b> Almut Schilling (aBIT preservation, Austria), Franziska Butze-Rios (Donau-Universität Krems, Austria)	
<b>ARE WE WINNING? OTHER MEASURABLES FOR DIGITAL PRESERVATION</b> Tim Evans (Archaeology Data Service)	
<b>20:00-21:30</b> Lecture Hall	<b>Panel 3</b> Zoom#1
<b>DIGITAL DOCUMENTARY HERITAGE: SECURING RELIABLE AND SUSTAINABLE ACCESS</b> Lai Tee Phang (UNESCO MoW Preservation Sub-Committee), Natasa Milic-Frayling (UNESCO MoW Preservation Sub-Committee), Robert Buckley and Kevin Bradley (UNESCO MoW Preservation Sub-Committee)	

## 21 October, THURSDAY

<b>20:00-21:30</b> Academician's Hall	<b>Paper Session 8 - Scanning the New Development // Science Data and Relative Topic</b> Zoom#2
<b>WIKIDATA: A MAGIC PORTAL FOR SIEGFRIED AND ROY</b> Ross Spencer (Ravensburger AG, Germany), Katherine Thornton (Yale University Library, USA), Richard Lehane (International Atomic Energy Agency, Austria), Euan Cochrane (Yale University Library, USA)	
<b>PROGRESS WITH IMPROVING PRESERVATION AND REUSE OF SCIENTIFIC RESEARCH DATA</b> Peter Cornwell (Data Futures, Germany), Donat Agosti (Plazi, Switzerland), Laurence Benichou (Museum of Natural History, Paris, France), Jose Benito Gonzalez Lopez (CERN, Switzerland), Madeleine Herren (Institute for European Global History, Basel, Switzerland), Patrick Ruch (Swiss Institute of Bioinformatics, Switzerland)	
<b>FDA-DBREPO: A DATA PRESERVATION REPOSITORY SUPPORTING FAIR PRINCIPLES, DATA VERSIONING AND REPRODUCIBLE QUERIES</b> Martin Weise (TU Wien, Austria), Cornelia Michlits (TU Wien, Austria), Moritz Staudinger (TU Wien, Austria), Andreas Rauber (TU Wien, Austria)	
<b>DEVELOPING A HOLISTIC RESEARCH DATA MANAGEMENT STRATEGY FOR A UNIVERSITY - MAKING PRESERVATION PLANNING AND LONG TERM ACCESS FIRST GRADE CITIZENS IN RDM</b> DirkVon Suchodoletz (University of Freiburg, Germany), Jan Leendertse (University of Freiburg, Germany), Klaus Rechert (University of Freiburg, Germany), Rafael Gieschke (University of Freiburg, Germany), Saher Semaan (University of Freiburg, Germany), Björn Goldammer (University of Freiburg, Germany), Dimitri Tolkatsch (University of Freiburg, Germany)	
<b>20:00-21:30</b> 7D Meeting Room	<b>Panel 4</b> Zoom#3
<b>DIGITAL LIBRARY MATURATION: THE EVOLUTION OF DIGITAL COLLECTIONS MANAGEMENT PROGRAMS AT NATIONAL LIBRARIES</b> Trevor Owens (Library of Congress, USA), Andrea Goethals (National Library of New Zealand), Jeffrey van der Hoeven (National Library of the Netherlands), Lisandro Pablo Olivares (Biblioteca Nacional de México), Paul Wheatley (Digital Preservation Coalition, UK), Michael Day (The British Library)	

## 22 October, FRIDAY

<b>16:00-17:30</b> Lecture Hall	<b>Open Local Event - Cross-Domain Preservation Collaboration</b> Zoom#1
	<p><b>DEVELOPMENT AND PRACTICE OF ELSEVIER DIGITAL PRESERVATION</b> Ussi Gino(Elsevier Executive Vice President)</p> <p><b>DEVELOPMENT AND INNOVATION OF LONG-TERM PRESERVATION OF DIGITAL RESOURCES IN THE NEW-TECH AGE</b> Harald Wirsching (Managing Director, Data and Analytics Solutions Group, Springer Nature)</p> <p><b>ROSETTA - DIGITAL PRESERVATION FOR ANY INSTITUTION OF ANY SIZE</b> Daniel Greenberg (Ex Libris Product Manager)</p>
<b>18:00-19:30</b> Lecture Hall	<b>Session 9 - Lightning Talks 1</b> Zoom#1
	<p>14 Lightning Talks will be presented, each up to 5 minutes. See <a href="#">List of Lightning Talks and Their Session Arrangement</a> below</p>
<b>18:00-19:30</b> Academician's Hall	<b>Session 10 - Poster Presentation</b> Zoom#2
	<p>9 Poster presentations will be given, each up to 8 minutes. See <a href="#">Posters at Session 10</a> below</p>
<b>18:00-19:30</b> 7D Meeting Room	<b>Panel 5</b> Zoom#3
	<p><b>EMAIL ARCHIVING: A COLLABORATIVE JOURNEY</b> Ruby Martinez (University of Illinois, USA), Chris Prom (University of Illinois, USA), Stephen Abrams (Harvard University, USA), Gregory Wiedeman (University of Albany, SUNY, USA), Matt Teichman (University of Chicago, USA)</p>
<b>20:00-21:30</b> Lecture Hall	<b>Session 11 - Lightning Talks 2 &amp; Hackathon Presentation</b> Zoom#1
	<p>11 Lightning Talks will be presented, each up to 5 minutes. See <a href="#">List of Lightning Talks and Their Session Arrangement</a>.below</p>
<b>Hackathon</b>	<p><b>COPTR-EDIT-A-THON: TOOLING UP FOR DIGITAL PRESERVATION</b> Ania Molenda (Dutch Digital Heritage Organization, Netherlands), Paul Wheatley (Digital Preservation Coalition, UK), Stacey Erdman (Digital POWRR, USA)</p>

## 22 October, FRIDAY

<b>20:00-21:30</b> Academician's Hall	<b>Paper Session 12 - Enhancing the Collaboration</b> Zoom#2
	<p><b>PRESERVING FOR PEOPLE: OBSERVING HUMANITIES SCHOLARS' RESEARCH PRACTICES IN A HYBRID ARCHIVE ENVIRONMENT</b></p> <p>Alexandra Leigh (City, University of London / The National Archives, UK), Stephan Makri (City, University of London, UK), Alex Taylor (City, University of London, UK), Alec Mulinder (The National Archives, UK), Sarra Hamdi (The National Archives, UK), Sonia Ranade (The National Archives, UK)</p>
	<p><b>COLLABORATIVE MECHANISM FOR PUBLIC DIGITAL PRESERVATION SERVICE IN CHINA</b></p> <p>Zhenxin Wu (National Science Library, CAS Department of Library Information and Archive Sciences, University of CAS, China), Xiaolin Zhang (National Science Library, CAS Department of Library Information and Archive Sciences, University of CAS, China), Jiancheng Zheng (National Science Library, Chinese Academy of Sciences, China), Dongrong Zhang (National Science Library, CAS Department of Library Information and Archive Sciences, University of CAS, China), Honghu Fu (National Science Library, Chinese Academy of Sciences, China)</p>
	<p><b>DEPENDENCE RESCISSION AND SEMANTIC INTERPRETATION: KEY STRATEGIES TO LONG-TERM PRESERVATION OF DIGITAL ARCHIVES</b></p> <p>Yi Qian (Renmin University, China), Linqing Ma (Renmin University, China)</p>
	<p><b>TOWARDS LEVELS OF DIGITAL PRESERVATION AS A SERVICE</b></p> <p>Jefferson Bailey (Internet Archive, USA), Peggy Lee (Internet Archive, USA)</p>
<b>20:00-21:30</b> 7D Meeting Room	<b>Paper Session 13 - COVID-19 and Digital Preservation</b> Zoom#3
	<p><b>COMPARING HOW TO TAKE CARE OF HUMANS' AND BIT-STREAMS' LIVES</b></p> <p>Eld Zierau (Royal Danish Library, Denmark)</p>
	<p><b>A COLLABORATIVE APPROACH TO PRESERVING AT-RISK OPEN ACCESS JOURNALS: "JOURNALS PRESERVED FOREVER"</b></p> <p>Alicia Wise (CLOCKSS, UK)</p>
	<p><b>THE DESIGN OF COLLABORATIVE MARKING MODE FOR MUSEUM COLLECTIONS-TAKING "GUGONG MINGHUAJI" AS AN EXAMPLE</b></p> <p>Sun Jing (The Palace Museum, China)</p>
	<p><b>A SMART GUIDE TO PREFERRED FORMATS</b></p> <p>Sam Alloing (KB, National Library of the Netherlands), Remcode Boer (ArchiXL, Netherlands), Marjolein Steeman (Netherlands Institute for Sound and Vision)</p>
	<p><b>AI VIDEO GAME LEGACY ASSETS CLASSIFIER</b></p> <p>Stefan Serbicki (Electronic Arts, USA)</p>

## 22 October, FRIDAY

**22:00-23:30**  
Lecture Hall

**Plenary 3**  
Zoom#1

### Closing Ceremony

1. Keynote Speech: Digital Preservation to Support Digital Society, by Xiwen Liu, Director of National Science Library, Chinese Academy of Sciences
2. Professional Awards Ceremony
  - (1) The Best Paper Award
  - (2) Angel Dappert Memorial Award
  - (3) The Best New Comer Award
  - (4) The Best Poster Award
3. STG Chairs' Remarks
4. Brief Summary of iPRES2021
5. Host Handover to iPRES2022

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## List of Lightning Talks and Their Session Arrangement

Lightning Talks will be presented In Session 9 and 11, each up to 5 minutes.

### Session 9: Lightning Talks 1

#### **(1) Virtual Research Environment with Preservation Tools**

Ania Molenda (DDHN, Netherlands), Martin Speller (OPF, UK), Carl Wilson (OPF, UK)

#### **(2) Archiving and Preservation of Large Scientific Datasets**

Matthew Addis (Arkivum Ltd., UK)

#### **(3) Lifecycle-based Preservation Management of Research Data**

Qing Lu (ShanghaiTech University, Shanghai, China), Yingdong Zhang (ShanghaiTech University, Shanghai, China), Yinbing Sun (ShanghaiTech University, Shanghai, China), Xiaoying Sun (ShanghaiTech University, Shanghai, China)

#### **(4) Advancing Digital Curation Scholarship through ICA's Study Schools**

Forget Chaterera-Zambuko (Sorbonne University Abu Dhabi, the United Arab Emirates)

#### **(5) Developing a Flexible Skills Framework for Digital Preservation**

Sharon McMeekin (Head of Workforce Development, Digital Preservation Coalition), Amy Currie (Training Officer, Digital Preservation Coalition)

#### **(6) Preservation Watch: Building Towards a New Generic Facility Within The Dutch Digital Heritage Network**

Tamara van Zwol (Coordinator Preservation Watch for The Dutch Digital Heritage Network (NDE) at The Netherlands Institute for Sound and Vision)

#### **(7) Towards Making Your Repository More Trustworthy and FAIR-enabling**

Linus Cepinskas (Data Archiving and Networked Services (DANS), The Hague, Netherlands)

#### **(8) What are your digital preservation headaches, and how can we treat them together?**

Lotte Wijsman (National Archives of the Netherlands)

#### **(9) The Radboud Data Repository: Digital Preservation Throughout the Research Lifecycle**

Inge Slouwerhof (Radboud University Library, Nijmegen, the Netherlands), Didi Lamers (Radboud University Library, Nijmegen, the Netherlands)

#### **(10) The Hull 2017 City of Culture Digital Archive**

Laura Giles (University of Hull, UK)

#### **(11) People Make Digital Preservation**

Sarah Middleton (Head of Advocacy & Community Engagement Digital Preservation Coalition), William Kilbride (Executive Director, Digital Preservation Coalition)

#### **(12) Long Term Preservation Scheme for Digital Assets by Macrowing Archives**

Xufeng Liu (Macrowing Software Technology Co., Ltd., Shanghai, China)

#### **(13) LIBNOVA RESEARCH LABS LIBNOVA's Lines of Research in Technological Innovation**

Antonio G Martinez (LIBNOVA SL, Spain), Teofilo Redondo (LIBNOVA SL, Spain), Maria Fuertes (LIBNOVA SL, Spain)

#### **(14) LEARNINGS FROM ARCHIVER PROJECT How to Preserve Research Datasets**

Antonio G Martinez (LIBNOVA SL, Spain), Teofilo Redondo (LIBNOVA SL, Spain), Maria Fuertes (LIBNOVA SL, Spain)

## Session 11: Lightning Talks 2

### **(1) The DPC in Australasia: Implementing a Global Strategy**

Jaye Weatherburn (Digital Preservation Coalition)

### **(2) Preserving Immersive Media**

Osman Serhat Karaman (Sabancı University Sakıp Sabancı Museum, Istanbul, Turkey)

### **(3) PREMIS Rights: Keeping Pace with New Requirements**

Marjolein Steeman (Preservation Officer Netherlands Institute for Sound and Vision, member PREMIS Editorial Committee)

### **(4) To Preserve, You Must Adapt.**

Alex Kinnaman (Virginia Tech University Libraries, USA), Rachel Howard (University of Louisville Libraries, USA), Deanna Ulvestad (Greene County Public Library, USA)

### **(5) The “PUPS” Model: Private Funding, University Staff, Public Records, and State Archives**

Gregory S. Hunter (Palmer School of Library and Information Science)

### **(6) Community History Web Archiving Program**

Lori Donovan (Community Programs Manager, Web Archiving & Data Services, Internet Archive, USA)

### **(7) COVID-19 Web Archive**

Lori Donovan (Community Programs Manager, Web Archiving & Data Services, Internet Archive, USA)

### **(8) ARK Alliance: Empowering 800 Institutions and 8 Billion Identifiers Since 2001**

John Kunze (California Digital Library, USA)

### **(9) Consistent evaluation of trustworthiness across guiding principles and standards is crucial to ensure a robust digital repository ecosystem**

David Giarretta (PTAB LTD, UK), John Garrett (Garrett Software, USA), Mark Conrad (Adv. Info. Collaboratory, USA), J Steven Hughes (Jet Propulsion Laboratory, USA), Terry Longstreth (Washington Acad. Sciences, USA), Roberta Svanetti (Deda Cloud Srl Supporting ESA, Italy), Dawei Lin (NIAID, USA), Robert R. Downs (CIESIN, Columbia University, USA), Felix Engel (FernUniversität in Hagen, Germany), Matthias Hemmje (FernUniversität in Hagen, Germany), Iolanda Maggio (Rhea GROUP Supporting ESA, Italy)

### **(10) Preservation as the Priority**

Paul Stokes (Jisc, UK), Tamsin Burland (Jisc, UK)

### **(11) PRESERVING 300TB OF DATA IN 8 MINUTES**

Antonio G Martinez (LIBNOVA SL, Spain), Teofilo Redondo (LIBNOVA SL, Spain), Maria Fuertes (LIBNOVA SL, Spain)

## Posters at Session 10

Posters will be presented on meeting Session 10 and screens onsite.

### **(1) DIGITAL PRESERVATION STORAGE CRITERIA AND RELEVANT STANDARDS - Latest Development on the Digital Preservation Storage Criteria.**

Eld Zierau (Royal Danish Library), Cynthia Wu (National Library of New Zealand), Andrea Goethals (National Library of New Zealand), Nancy McGovern (Massachusetts Institute of Technology), Sibyl Schaefer (University of California)

### **(2) INTRODUCING THE FORMAT LIBRARY HELPER**

Jay Gattuso (National Library of New Zealand)

### **(3) IS THIS IMAGE THAT IMAGE?**

Jay Gattuso (National Library of New Zealand)

### **(4) LaVaH - Distributed Long-Term Preservation with Diverse Roles and Responsibilities**

Natascha Schumann (hebis Verbundzentrale, Goethe University Frankfurt, Germany), Martina Sinkovic (hebis Verbundzentrale, Goethe University Frankfurt, Germany)

### **(5) Digital Lifecycle Management in Maryland: Establishing the Foundations for Consortial Approaches to Digital Preservation at Maryland Universities and Affiliated Institutions**

Joseph Koivisto (University of Maryland, USA), Laura Bell (University of Baltimore, USA), Kristin Conlin (University of Baltimore, USA), John Esh (Towson University, USA), Allison Fischbach (Towson University, USA), Fatemeh Rezaei (University of Baltimore, USA), Ashley Todd-Diaz (Towson University, USA)

### **(6) A data-visiting infrastructure for providing access to preserved databases that cannot be shared or made publicly accessible**

Martin Weise (TU Wien, Austria), Andreas Rauber (TU Wien, Austria)

### **(7) PHS-PRES: MULTI-SIDED PROTECTION FOR POPULATION HEALTH DATA**

Chenliu Yang (Institute of Medical Information, Chinese Academy of Medical Sciences), Jiahui Hu (Institute of Medical Information, Chinese Academy of Medical Sciences), Yunman Fan (Institute of Medical Information, Chinese Academy of Medical Sciences), An Fang (Institute of Medical Information, Chinese Academy of Medical Sciences)

### **(8) Enhancing French Digital Preservation Cooperation**

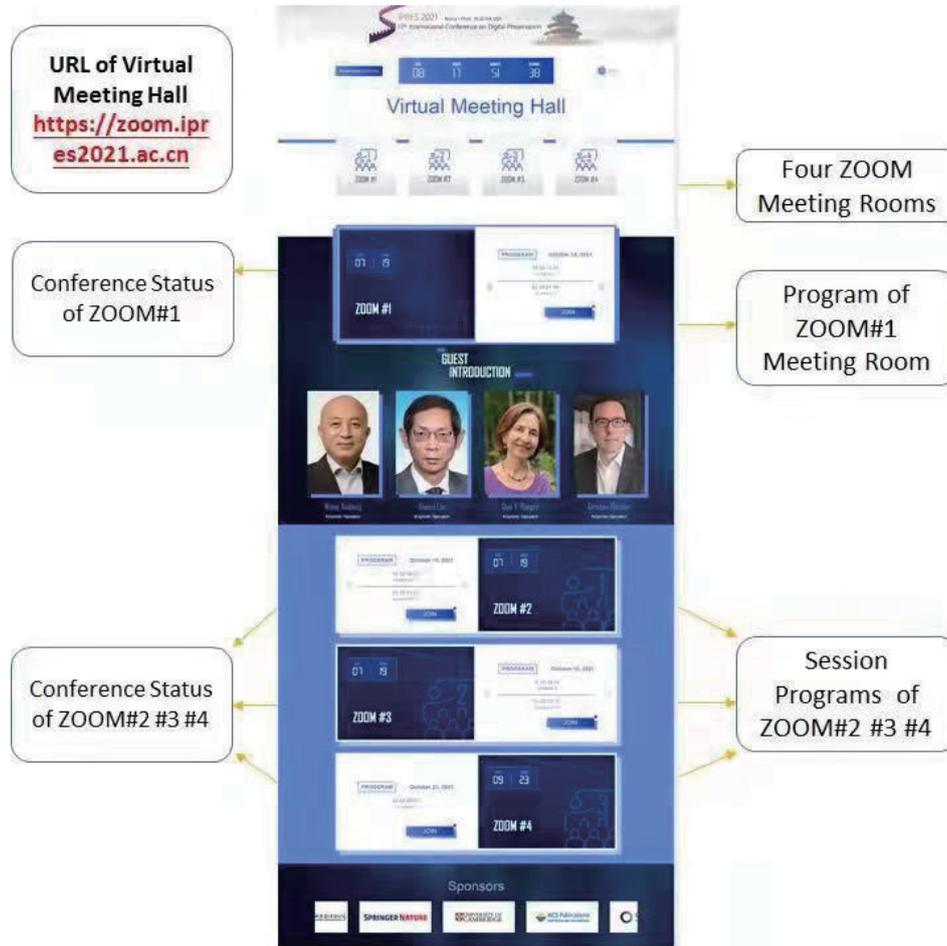
Yannick Grandcolas (Bibliothèque nationale de France)

### **(9) CHANGING PRACTICES IN FIXITY: Results from the 2021 NDSA Fixity Survey**

Nick Krabbenhoft (New York Public Library, USA), Carol Kussmann (University of Minnesota, USA), Sibyl Schaefer (University of California San Diego, USA)

# GENERAL INFORMATION FOR ONLINE PARTICIPATION

Online participants will enter into the Zoom iPRES2021 Virtual Meeting Hall, during Oct.19 to Oct.22, 2021, via iPRES2021 Virtual Meeting Hall, URL: <https://zoom.ipres2021.ac.cn>.



Access Picture of Zoom iPRES2021 Virtual Meeting Hall above: Virtual Meeting Hall is providing four ZOOM Meeting Rooms, and listing the meeting Program and Meeting status of each Meeting Room. When you click one you are interested, please enter your registration information, and confirm your information, then you will be in the session's virtual meeting room.

It is a challenge for many of us to use the Zoom platform to chair the session, to share/unshare one's presentation, to raise your hand for asking questions, and to join the group photo, among other activities. Please go to the Guidelines section of iPRES2021 website to see "[Guideline for Using Zoom Platform](#)".

If you are not yet downloaded the Zoom app, please do so through the following: <https://zoom.us/download>

Please choose Zoom Client for Meetings

You may want to have a test run with the Zoom platform. We will start the iPRES2021 Zoom account one hour before the formal program from Oct.19 to Oct.22, 2021, you can test your presentation and use before the conference.

# GENERAL INFORMATION FOR ONSITE PARTICIPATION

**iPRES2021**

17th International Conference on  
Digital Preservation

## Conference Onsite Venue

### National Science Library, Chinese Academy of Sciences

Address: 33 Beisihuan Xilu, Zhongguancun, Beijing P.R.China, 100190



National Science Library, CAS



Exhibition Hallway



Academician's Hall



7D Meeting Room



Lecture Hall

# GENERAL INFORMATION FOR ONSITE PARTICIPATION

**iPRES2021**

17th International Conference on  
Digital Preservation

## Internet Access



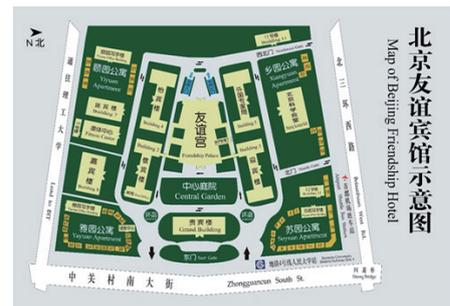
Enter the mobile phone number and click "click to get". The system will send the verification code to the mobile phone by SMS. Enter the received verification code to log in to Wi-Fi.

## Accommodation

### Beijing Friendship Hotel-Friendship Palace

**Contact: 86—10 68498080**

10 standard rooms and single rooms will be provided for iPRES2021



### Building 2 (Jing Bin Lou)

(Note: Please kindly let the staff know you are the delegates of iPRES2021)



### More Options

Other great options for accommodations in and around Beijing Friendship Hotel also include Trip.com, Booking.com and other nearby hotels.

## Cloud-based Professional Visit of iPRES2021 to The Palace Museum of China

Established in 1925, the Palace Museum is located in the imperial palace of the consecutive Ming (1368-1644) and Qing (1644-1911) dynasties. 1987 it was listed as a UNESCO World Heritage site.

The Palace Museum is a collaborating organizer of iPRES2021. It will provide the local participants an onsite professional visit, during 0900-1130, on Oct.22, 2021. Due to the hybrid model of iPRES2021, the Palace Museum will offer a cloud-based professional visit for those who can only join iPRES2021 online.

### 1. You may visit the Palace Museum through:

<https://en.dpm.org.cn/>

Including the Digital Palace Museum

<https://digicol.dpm.org.cn/>

The Palace Museum Exhibitions through MULTIMEDIA

<https://en.dpm.org.cn/multimedia/>

With Virtual Tours, Apps, and Wallpapers

### 2. A special visit is arranged to the Ceramics Gallery of the Palace Museum

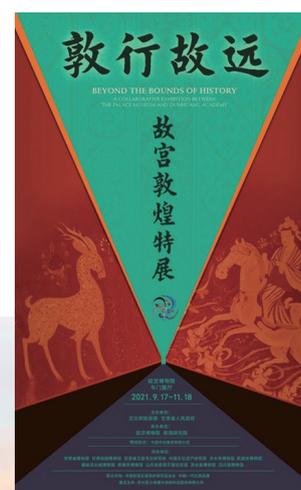
[https://en.dpm.org.cn/exhibitions/current/  
2021-05-02/3253.html](https://en.dpm.org.cn/exhibitions/current/2021-05-02/3253.html)



### 3. You may visit the Special Collection: Beyond the Bounds of History: A Collaborative Exhibition Between the Palace Museum and Dunhuang

[https://en.dpm.org.cn/exhibitions/current/2021-09-17/  
3279.html](https://en.dpm.org.cn/exhibitions/current/2021-09-17/3279.html)

[https://dunhuang.ten-  
cent.com/ggdh/index.html  
?channel=gugong&real=false](https://dunhuang.tencent.com/ggdh/index.html?channel=gugong&real=false)



The professional visit (onsite and online) is made available by the Institute for Digitization of the Palace Museum Heritage, the Palace Museum.

**For online participants, please go to the iPRES2021 Virtual Meeting Hall:**

<https://zoom.ipres2021.ac.cn>.

**For onsite participants, please following the instruction:**

October 19-20, 2021, 15:00 p.m. to 20:00 p.m

At the registration desk of the entrance of Lecture Hall of National Science Library

## CONTACT

**iPRES2021 Virtual Meeting Hall:**

[zoom.ipres2021.ac.cn](https://zoom.ipres2021.ac.cn)

**Conference Website:** [ipres2021.ac.cn](https://ipres2021.ac.cn)



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National Science Library, Chinese Academy of Sciences ([las.cas.cn](http://las.cas.cn))

**Address:** 33 Beisihuan Xilu, Zhongguancun, Beijing P.R.China, 100190