

# Call for Contributions



**You are invited to contribute at iPRES 2020,  
17<sup>th</sup> International Conference on Digital Preservation,  
September 21-24, 2020, Beijing, China**

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## 1. General Information

The International Conference on Digital Preservation (<https://ipres-conference.org/>), or iPRES Conference, is the premier conference series on digital preservation. Since 2004 there have been annual iPRES conferences around the globe, bringing together researchers, archivists, librarians, content providers, technology providers, and other experts and practitioners, to share their recent research, development projects, implementations, practical experiences, and to enhance collaborations within the field and across the related domains.

The most recent 5 iPRES conferences were held at Chapel Hill, USA (12<sup>th</sup>, 2015), Bern, Switzerland (13<sup>th</sup>, 2016), Kyoto, Japan (14<sup>th</sup>, 2017), Boston, USA (15<sup>th</sup>, 2018), Amsterdam, The Netherlands (16<sup>th</sup>, 2019).

The 17th International Conference on Digital Preservation, iPRES2020, (<http://ipres2020.cn/>), will be held between September 21st and 24th, 2020, in Beijing, China.

iPRES 2020 will be co-hosted by the National Science and Technology Library (NSTL) and the National Science Library (NSL).

## 2. Themes of iPRES 2020

The central theme: **Empowering Digital Preservation for the Enriched Digital Ecosystem**, which covers the preservation challenges and practices for current of emerging types of digital content in traditional or emerging fields or applications.

### 2.1 Sub-theme 1: Exploring the New Horizons

- What are the emerging development in digital lifecycles, workflows, or applications, in areas such as digital research, e-learning, e-health, digital culture, e-commerce, smart cities; and how do they impact on the creation, application or utilization, and sustainability of knowledge and born-digital information or cultural heritage content?
- What are the emerging developments in content, formats, technologies and techniques, organizational applications, methods, supporting facilities and infrastructure for digital information; and how could these impact on our preservation capabilities?

- What are the emerging developments in business models, ownership, policies, intellectual property, privacy or security protections, organizational mechanisms, and cross-domain relationships for digital information, and how might these impact on the distribution or competition of roles, responsibilities and capabilities for digital preservation?
- What are the specific future challenges for knowledge-driven industries or institutions, for knowledge heritage institutions, and for society at large, communities, and private citizens?
- What are the potential uses for, and impacts of artificial intelligence; cloud, fog, and edge computing; big data analytics; block-chain technologies; and smart or coordinated workflows on digital preservation.
- What examples can we share of failures in digital preservation, such as failures in technology and, policy, or inaction and lack of cooperation? What lessons can be learned from these experiences?

## **2.2 Sub-theme 2: Scanning the New Development**

- What are the latest developments in digital preservation tools, storage solutions, or infrastructural facilities in general?
- What are the latest developments in strategies, and practices, in preservation of research data, software, social media, web-based content, rich media publications, interactive or smart media, relationship-rich content, VR/AR, and other content types
- What are the latest developments in file format management, identification and authenticity, secure custody, or migration for digital preservation?
- What are the latest developments and practices, in terms of embedding digital preservation within digital lifecycles, or within cross-domain collaborations along digital workflows?
- What are the latest developments in digital preservation initiatives, projects, and practices, in terms of technological, methodological, and managerial capabilities?
- What lessons can digital preservation learn from initiatives, projects, and practices not traditionally represented at iPRES conferences and not immediately accessible to the digital preservation community?

## **2.3 Sub-theme 3: Enhancing the Collaboration**

- How can collaboration with creators, owners, or users, prepare us better for changing future?
- How can we design, cultivate, enhance, and ensure collaboration to

best effect, in the context of with changing workflows, changing roles and changing responsibilities for digital information?

- How do we design, stimulate, enhance, and ensure collaboration with changing definitions of memory institutions?
- What are the successful experiences in collaboration in digital preservation, and the lessons learned in preservation failures?
- What policy positions, organizational structures, infrastructures, workflows, and techniques, that support or enhance collaborations?
- How do we measure and demonstrate the impact and efficiency of collaboration in digital preservation?
- How has collaboration supported preservation of new content types, or new digital-intensive sectors, or innovative use cases?

#### **2.4 Sub-theme 4: Building the Capacity & Capability**

- What business and economic models are most effective at facilitating digital preservation, within rich and dynamic digital ecologies?
- How can we successfully develop digital preservation strategies, approaches, implementations, cost plans, physical infrastructure, trustworthiness, and impact measures, for digital preservation; and how do we sustain them in the light of ever changing rich and digital ecologies and dynamic cross-domain collaboration?
- How can we enhance the development of policies, standards, guidelines, best practices, workflows, and use cases, to improve our implementation and management of digital preservation, especially in the face of emerging digital ecologies and dynamic cross-domain collaboration?
- How can we build capacity for digital preservation within existing and emerging infrastructures and in up-stream, down-stream, or connected areas of the digital ecology?
- How can we successfully engage and involve content creators, users, and decision-makers in digital preservation?
- How can we develop a digital preservation workforce for current and future needs, through formal curricula, on-the-job training or continuing education?
- How can we ensure that our growing body of digital preservation knowledge, explicit and tacit, is easily accessible to current and future practitioners?
- How can we better use open source technologies and open standards for digital preservation?

We invite original contributions that describe theory-and-practice-informed approaches to scientific models, daily practice, collaborative efforts, creative solutions, and the progress your organization has made in digital preservation. Submissions should relate to the overall conference theme, *Empowering Digital Preservation for the Enriched Digital Ecosystem*, describing the cutting edge of our domain and crossing into others. We encourage submissions which describe collaborations across and beyond cultural heritage domains, and we welcome proposals that describe research and practice in agencies of all sizes and in all sectors.

### 3. Types of Contributions

It is expected that all accepted submissions are from individuals who are registered as conference attendees and are able to present the submission at the conference.

#### 3.1 Papers

We invite two kinds of **papers**: long (8-10 pages) and short (3-5 pages) papers. All papers must be novel, reporting on previously unpublished work. Long papers will be given more time to present at the conference than short papers. Short papers are more appropriate for work in progress, novel ideas that do not yet have results, or small projects. Detailed instructions can be found under the Submission instructions section.

#### 3.2 Panels

We invite proposals for thematic **panels** to be held during the main conference program. Panel sessions bring together researchers and/or practitioners with complementary or conflicting perspectives on a topic of importance to digital preservation. Panels should be designed to promote discussion among the panelists and with the audience. The topic should have broad appeal to the conference participants and clearly relate to the conference themes. An extended abstract of up to 2 pages describing the proposed content and agenda of the panel is required. Detailed instructions can be found under the Submission instructions section.

#### 3.3 Posters

**Posters** are ideal for reporting on emerging issues, conceptual research, preliminary developments or experiments, innovative solutions, customized systems, and other interested works in progress. Posters require an extended abstract of up to 2 pages that clearly describes the topic to be presented and states its unique contribution to the field. Detailed instructions can be found under the Submission instructions section.

### 3.4 Workshops and Tutorials

**Workshops** are intended to be hands-on and/or participatory. Proposers are free to decide how to structure and design them. Workshops might be focused on the development of a skill, or discussion and collaboration on the topic covered in the workshop. Workshops prioritize hands-on work and/or participation, with less time dedicated to presentation.

**Tutorials** should focus on a single topic. They are opportunities to explicate a method or procedure, or gain experience with tools. They preferably include some hands-on learning. Proposers are free to decide how to structure tutorials. They can include time for group discussion of the content covered.

### 3.5 Lightning Talks

**Lightning talks** are short presentations (no more than 5 minutes), on emerging strategies, new technologies, conceptual design, preliminary experiment, innovative solutions, and other interesting works in related fields. A simple abstract will be required, but there will be no formal peer review and will not be managed through EasyChair. Lightning talks will not be included in the conference proceedings. These contributions will have a rolling deadline/acceptance cycle: 1 June -31 July. These can also be from accepted posters so the authors can reach a wider audience.

### 3.6 Demonstrations

**Demonstration presentations** are specifically provided for commercial or non-commercial system or service providers to show-case their products. The opportunity is usually given to accepted formal sponsors of the conference. There will be formal demo sessions each lasting 10 minutes. Demo presentations can also be given at special launch times at designated places during the conference days. A separate Call for Sponsorship will describe the requirements and arrangements. These will not be peer-reviewed but will be evaluated by the PC or PC designated experts for their fitness with the conference.

### 3.7 Hackathons

Hackathons are hands-on and interactive sessions focusing on delivering practical results with wider benefits for the preservation community. Hackathons should aim to bring together community members with different skill sets and professional background, allowing them to work together and providing dedicated time for in-depth analysis, reflection and experiments for a technical or conceptual problem. An extended abstract of up to 2 pages is required that describes the content of the proposed hackathon. Detailed instructions can be found under the Submission Instructions section.

#### 4. Important Dates

**15 March, 2020:** All peer-reviewed paper submissions (including the Long/Short papers) are due by submitting through EasyChair.

**15 March, 2020:** Proposals for all the other peer-reviewed contributions such as panels, posters, demonstrations, workshops, and tutorials are due by submitting through EasyChair.

**1 June, 2020:** All peer-reviewed contributions will be notified of the decision of peer-review, together with reviewers' comments.

**1 June, 2020:** Submission begins for Lightning Talks.

**31 July, 2020:** Revisions of the papers & other contribution proposals that address reviewer comments are due.

**31 July, 2020:** Revisions that address reviewer comments are due.

**15 August, 2020:** Acceptance decisions are made and authors are notified.

**Post-conference revisions:** Authors are encouraged to update their papers based on discussion during the conference. Final revisions after the conference will be due by **1 November, 2020**.

#### 5. Proceedings and Awards

Submissions that are accepted for inclusion in the conference will appear in the iPRES 2020 digital-only proceedings. The proceedings will include:

- Full text of the accepted long papers and short papers
- Abstracts of the accepted panels, posters, workshops, and tutorials

After the review notifications, authors of the accepted papers will have an opportunity to edit their submissions for the final version to be published during the conference. All authors will be given the opportunity to update their contributions based on the discussions during the conference. Final revisions are due **4 November**. **Conference proceedings will be published online by the end of November 2020.**

iPRES 2020 will recognize outstanding contributions during a ceremony on 23 September. Formal awards will be given for peer-reviewed contributions: Best Paper, **long or short** ; Best Posters.

#### FAIR Principles for iPRES

In order to make the conference proceedings FAIR, authors are asked to add their ORCID-ID to their contribution. In case you do not have an ORCID-ID yet, you can register yourself for free at <https://orcid.org/>. The conference proceedings will be archived in a long term preservation repository and every contribution will receive a persistent identifier.

## **6. Contact for Questions**

For questions with regards to submission and review of the contributions please contact: [c-ipres2020@mail.las.ac.cn](mailto:c-ipres2020@mail.las.ac.cn) .

For questions with regards to the registration, accommodation, and other conference matters, please contact: [ipres2020@mail.las.ac.cn](mailto:ipres2020@mail.las.ac.cn) .

## **7. iPRES 2020 Submission Instructions**

### **7.1 General Instructions for All Submission Types**

All peer-reviewed contributions should be submitted through EasyChair.

All contributions should be in the iPRES 2020 EasyChair Template. Available as Word and LaTeX Templates. Submissions in other forms will not be accepted.

Contributions should be submitted in PDF. As accepted submissions will be added to the conference proceedings, we will need the Authors original Word or LaTeX version in November. All peer-reviewed contributions are due by 15 March.

All peer-reviewed contributions will be reviewed by at least three reviewers, at least three for papers.

Non peer-reviewed contributions will not go through EasyChair--watch for updates on [ipres2020.cn](http://ipres2020.cn).

All accepted peer-reviewed contributions will be (digitally) published as pre-prints in a conference repository.

All accepted peer-reviewed contributions will be (digitally) published in the conference proceedings, which will be published in November 2020.

All peer-reviewed contributions should indicate in the abstract section of the template the audience the contribution is suitable for.

English is the language of the conference and of all submissions.

### **7.2 General Criteria for All Peer-Reviewed Submissions**

The reviewers will apply the following guidelines to assess the quality of the submissions. They are listed here to provide authors with an indication of what is expected from their submissions:

Is the format appropriate (ex. 3–5 pages for a short paper, 8–10 pages for a long paper)?

Is the contribution clearly written?

Does it fall under one of the conference themes and topics?

Does the work significantly advance digital preservation knowledge?

Does the work adequately build on or contextualize previous work?

Are the references and/or citations appropriate?

Are there outcomes that others working in digital preservation can benefit from?

Is the work original or has it been published/presented in some form before?

And additionally for research papers:

Is the methodology appropriate?

Is the analysis appropriate?

Does the evidence support the authors' arguments?

In addition to the general submission requirements, there are additional requirements for each submission type. These are identified below.

### **7.3 Instructions for Submitting Papers**

We invite two kinds of papers: long (8-10 pages) and short (3-5 pages) papers. All papers must be novel, reporting on previously unpublished work. Long papers will be given more time to present at the conference than short papers. Short papers can focus on new challenges, work in progress, novel ideas that do not yet have results, or small projects. Both short and long papers will be peer-reviewed by at least three reviewers.

**Template:** For all submissions authors have to use the iPRES 2020 templates.

**Submission format:** Save submission to format of the template.

**Submission upload:** Upload your submission in PDF-format to EasyChair. During the EasyChair submission process, the following selections must be made:

**Type of submission:** Choose Long paper (8-10 pages) or Short paper (3-5 pages)

**Conference Theme(s) Addressed:** Choose one or more relevant terms from the sub-themes in the Call for Contributions:

**Further Instructions:** Follow the instructions given in the template to make sure all relevant information is available for the review process.

### **7.4 Instructions for Submitting Panel Proposals**

We invite proposals for thematic panels to be held during the main conference program. Panel sessions bring together researchers and/or practitioners with complementary or conflicting perspectives on a topic of importance to digital preservation. Panels should be designed to promote discussion among the panelists, and with the audience. The topic should be leading edge, have broad appeal to the conference participants, and should be clearly related to the conference themes. We especially

encourage panel submissions to include panelists that will bring diverse points of view or experience to the topic.

**Template:** For all submissions authors have to use the iPRES 2020 templates.

**Submission format:** Save submission to format of the template.

**Submission upload:** Upload your submission in PDF-format to Easy Chair. During the EasyChair submission process, the following selections must be made:

**Type of submission:** Select Panel

**Conference Theme(s) Addressed:** Choose one or more relevant terms from the sub-themes in the Call for Contributions:

**Further Instructions:** Follow the instructions given in the template to make sure all relevant information is available for the review process.

### **7.5 Instructions for Submitting Poster/Demonstration Proposals**

**Posters/Demonstrations** are ideal for reporting on emerging issues, conceptual research, preliminary development or experiment, innovative solutions, customized systems, and other interested works in progress. It requires an extended abstract of up to 2 pages that clearly describes the topic to be presented and states its unique contribution to the field.

We are inviting digital-only poster submissions. Specific instructions on preparing posters will be provided by the Program Committee to accepted authors. The conference will have a dedicated poster exhibition session on the second day of the conference. The authors of accepted posters will also be required to create a short video of 30-60 seconds. Videos will be presented on screens during all conference days. Specific instructions on preparing videos will also be provided by the Program Committee to accepted authors.

**Template:** For all submissions authors have to use the iPRES 2020 templates

**Submission format:** Save submission to format of the template.

**Submission upload:** Upload your submission in pdf-format to Easy Chair. During the EasyChair submission process, the following selections must be made:

**Type of submission:** Select Poster or Demonstration

**Conference Theme(s) Addressed:** Choose one or more relevant terms from the sub-themes in the Call for Contributions:

**Further Instructions:** Follow the instructions given in the template to make sure all relevant information is available for the review process.

## 7.6 Instructions for Submitting Workshop and Tutorial Proposals

**Workshops** are intended to be hands-on and/or participatory. Proposers are free to decide how to structure and design them. Workshops might concern the development of a skill, or discussion and collaboration on the topic covered in the workshop. Workshops prioritise hands-on work and/or participation, with less time dedicated to presentation.

**Tutorials** should focus on a single topic. They are an opportunity to explicate a method or procedure, or gain experience with tools. They preferably include some hands-on learning. Proposers are free to decide how to structure tutorials. They can include time for group discussion of the content covered. By the end of the tutorial, participants are inspired and equipped to deploy their new skills.

**Template:** For all submissions authors have to use the iPRES 2020 templates

**Submission format:** Save submission to format of the template.

**Submission upload:** Upload your submission in PDF-format to Easy Chair. During the EasyChair submission process, the following selections must be made:

**Type of submission:** Select Workshop or Tutorial

**Conference Theme(s) Addressed:** Choose one or more relevant terms from the sub-themes in the call for contributions:

**Further Instructions:** Follow the instructions given in the template to make sure all relevant information is available for the review process.

## 7.7 Instructions for Submitting Lightning Talks Proposals

**Lightning talks** present a five-minute presentation on a topic, recent developments, or a specific theme followed by any remaining time for attendees to ask questions and discuss. We will determine the number of lightning talk sessions based on submissions.

For the lightning talks sessions call we would like to receive short submissions containing the following information: Name of Submitter, Name of Presenter (if different), Affiliation of Submitter/Presenter, Contact email, Brief description of talk, game or graphics to be presented (up to 200 words)

All submissions should be sent by email to: [iPRES2020@mail.las.ac.cn](mailto:iPRES2020@mail.las.ac.cn). Please use “Lightning Talks” as the subject of your email. Submissions will be handled on a “first come, first served” basis.

## 7.8 Instructions for Submitting Hackathon Proposals

Hackathon sessions should focus on a single technical or conceptual problem set. Proposals should describe briefly the relevance of the

proposed topic to the preservation community and what outcome the organizers anticipate. Hackathons are intended to run through out the conference, with a full day kick-offing on day one and regular gatherings on remaining days. The individual organizers are responsible for the structure and schedule of each hackathon. The teams should also prepare a short presentation (3-5 minutes) to report on their work during the iPRES closing session.

Hackathons should experiment and work for an intense period of time on a specific challenge. Framed as in-depth and extended workshops, Hackathons are opportunities for hands-on experiments and collaborative learning, a focused forum within the conference to rethink, retool, or design new methods and new tools.

In case of receiving multiple proposals on similar topics, we will encourage collaboration and explore the possibility of merging overlapping sessions.

Below are guidelines for developing Hackathon proposals:

- Each session should have 2-3 organisers;
- Organizers should have demonstrable knowledge of the proposed topic or experience with the proposed tools so that they can explain to participants and help set up the necessary technology;
- The proposal should be focused, have a clear structure and include a set of intended aims during iPRES 2020;
- The proposal should also describe how the team will engage with the larger community with regard to the hackathon process and results at iPRES 2020.
- **Template:** For all submissions authors have to use the iPRES 2020 templates
- **Submission format:** Save submission to format of the template.
- **Submission upload:** Upload your submission in PDF-format to Easy Chair. During the EasyChair submission process, the following selections must be made:
  - **Type of submission:** Select Hackathon
  - **Conference Theme(s) Addressed:** Choose one or more relevant terms from the Call for Contributions:
- **Further Instructions:** Follow the instructions given in the template to make sure all relevant information is available for the review process.