Call for Papers

Information between Data and Knowledge. Information Science and its Neighbors from Data Science to Digital Humanities

Information zwischen Daten und Wissen: Die Informationswissenschaft und ihre Nachbarn von Data Science bis Digital Humanities

16th International Symposium of Information Science

March 8 -10, 2021

University of Regensburg

Organisation: Institut für Information und Sprache, Medien und Kultur, Fakultät Sprach-, Literatur- und Kulturwissenschaften, Fakultät für Informatik und Data Science i. Gr., Lehrstuhl für Medieninformatik
In Verbindung mit: Hochschulverband Informationswissenschaft e.V.

The 16th International Symposium on Information Science (ISI 2021) will be held at Regensburg University in March 2021. While the conference and submission dates are fixed and confirmed (see below), the final meeting and presentation format will be adapted to the current pandemic situation (presence / online / hybrid).

The organizers invite submissions addressing the overall conference theme of "Information

between Data and Knowledge. Information Science and its Neighbors from Data Science to Digital Humanities".

The current trend towards digital transformation, data science, and artificial intelligence offers challenges and opportunities for information science:

- How will information science be affected by the current interest in data?

- How will information services be transformed by innovative applications based on artificial intelligence and machine learning?

- How is information science related to the ongoing developments in data science, the digital humanities as well as in other fields (e.g. Legal Tech, Fin Tech, Reg Tech, Computational Social Science)?

- What new literacies (data literacy, algorithm literacy) are necessary and what is their connection with information literacy?

At ISI 2021, we invite contributions discussing the above questions in the light of new data-driven technologies and interaction models.

Papers and other submissions on the above questions and / or the following topics, but also those which cover any subject in the broader field of information science including neighboring disciplines such as archival science, computer science, economics, law, library science, linguistics, political science and administration, psychology or social science are invited:

Designing information systems and spaces:

- Digital collections - big data, small data

- Domain-specific information systems

- Information infrastructures, virtual research environments

- Information organization and access

- Social web, collaborative media

- User interfaces

- Visualization

Analyzing information systems and spaces:

- Information behavior

- Data analytics

- Data, information and algorithm literacy

- Bibliometrics, scientometrics & altmetrics

- Quality management and evaluation

- User experience & usability studies

Impact of information systems and spaces on research and society:

- Digital humanities
- E-Learning, E-Science
- E-Society, E-Culture, E-Commerce
- Globalization of information processes
- Information professions and professionalization
- Internationalization of information and knowledge
- Open Science, open access, open education, open innovation, open-source
- Algorithm bias
- Re-use and sustainability of (research) data

In addition, reflections on the global Covid-19 crisis-related information science and the above systematic perspectives (design, analysis, impact) are very welcome!

The primary conference language is German and German and English submissions are expected. The conference tool ConfTool will be used for all submission types unless otherwise specified. A style sheet and guidelines for submissions will be provided. Doctoral students are encouraged to present their research in a special session. The following types of contributions may be submitted:

1. Long papers (max. 7000 words)
2. Short papers - research / work in progress (max. 3000 words)
3. Posters / Demo / Clip (max. 1000 words)
4. Panel suggestions (max. 1000 words)
5. Doctoral thesis presentations (max. 3000 words)

There is also a special call for the **Gerhard Lustig Master Thesis Award**.

1. & 2. Long and short papers

Paper contributions have to be original unpublished works. Peer reviewing will be provided by at least two members of the programme committee.

- Deadline for short and long papers: November 1, 2020
- Notification of acceptance: mid-December 2020
- Deadline for revised manuscripts: mid-January 2021

Chair: *Prof. Dr. Christian Wolff (christian.wolff@ur.de)*

3. Poster and System Demonstrations

Ongoing research and research prototypes can be demonstrated with a poster. The poster will be shown and can be commented on in the conference area. Poster authors should submit a short summary of the poster for review (max. 1000 words).

- Deadline for poster summaries: November 1, 2020

- Notification of acceptance: mid-December 2021

- Deadline for revised poster summaries: mid-January 2021

Chair: *Prof. Dr. Christian Wolff (christian.wolff@ur.de)*

4. Panel suggestions

Panels discuss trending topics with a group of experts in a semi-informal manner. The panel proposal submission should include the topic of the panel, a short description of its objectives, the name of the panel chair and potential participants (in general, between four and six people). Panels should not extend 90 minutes at the conference.

- Deadline for panel suggestions: November 1, 2020

- Notification of acceptance of panels: mid-December 2020

- Deadline for panel summaries: mid-January 2021

Chair: *Prof. Dr. Christian Wolff (christian.wolff@ur.de)*

5. Doctoral research session

Doctoral students are encouraged to present their research in a special doctoral research session with short student presentations (10-15 minutes) and discussions. Doctoral students submit a summary of their ongoing dissertation research (max. 3000 words) for review.

- Deadline for thesis summaries: November 1, 2020

- Notification of acceptance: mid-December 2020

- Deadline for revised thesis summaries: mid-January 2021

Chair: *Prof. Dr. Bela Gipp   (gipp@uni-wuppertal.de)*

Gerhard Lustig Award for the best Master Thesis in Information Science 2017–2021

All institutions with study programs relating to the information sciences (in the broader sense) are invited to submit master theses which have been finished (approved) in 2017 to

2020 for the Gerhard Lustig Award.

The participating master theses are proposed by their supervising professors. Only one entry may be submitted per institution. The nomination will be in form of an extended abstract of the thesis of up to 1500 words (including title, figures, and references).

A jury will select approximately six theses from those submitted for presentation at a special session at ISI 2021. Among these six theses, the best three students will be awarded on the basis of the quality of their master thesis and their presentation.

- Deadline for Gerhard Lustig Award nominations: November 1, 2020
- Notification of acceptance for Gerhard Lustig thesis presentation: mid-December 2020

Chair: *Prof. Dr. Achim Oßwald (achim.osswald@th-koeln.de)*

Program and conference management

Please direct all inquiries to:

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