

Preliminary Programme JCDL 2022 conference: June 20-24, 2022, Hybrid



Date: May 20, 2022

We are happy to announce that this year's main conference will take place at Art'otel in Cologne, Germany and online. The main conference will be held on Tuesday, Wednesday and Thursday (June 21-23) at the Art'otel, covering research papers, late-breaking and demo papers, as well as keynotes from invited speakers.

All times below are CEST (Central European Summer time). check:

<https://www.timeanddate.com/time/zones/cest>

Further information around JCDL: <https://2022.jcdl.org/>

Tutorials: <https://2022.jcdl.org/workshops-tutorials/>

Details about the tutorial schedules will be released soon.

Monday, 20.6.		Tutorials /Doctoral Consortium
	09:00	Morning Sessions I
	10:30	Coffee Break
	11:00	Morning Sessions II
	12:30	Lunch
	14:00	Afternoon Sessions I
	15:30	Coffee Break 2
	16:00	Afternoon Sessions II
	18:00	Student Reception if in Person

Tuesday, 21.6.	09:00	Opening Main Conference	
	09:30	Daily Minute Madness	
	10:00	Session 1: Natural Language Processing	
		Sotaro Takeshita, Tommaso Green, Niklas Friedrich, Kai Eckert and Simone Paolo Ponzetto	X-SCITLDR: Cross-Lingual Extreme Summarization of Scholarly Documents
		Allard Oelen, Markus Stocker and Sören Auer	TinyGenius: Intertwining Natural Language Processing with Microtask Crowdsourcing for Scholarly Knowledge Graph Creation
		Zeyd Boukhers and Azeddine Bouabdallah	Vision and Natural Language for Metadata Extraction from PDF Documents: A Multimodal Approach
		David Krieger, Timo Spinde, Terry Ruas, Juhi Kulshrestha and Bela Gipp	A Domain-adaptive Pre-training Approach for Language Bias Detection in News
	11:15	Coffee Break 1	
	11:45	Session 2: Information Retrieval & Access	
		Malte Ostendorff, Till Blume, Terry Ruas, Bela Gipp and Georg Rehm	Specialized Document Embeddings for Aspect-based Similarity of Research Papers
		Dwaipayan Roy, Zeljko Carevic and Philipp Mayr	Studying Retrievability of Publications and Datasets in an Integrated Retrieval System
		Hermann Kroll, Florian Plötzky, Jan Pirklbauer and Wolf-Tilo Balke	What a Publication Tells You – Benefits of Narrative Information Access in Digital Libraries
	12:45	Lunch	
	14:00	Keynote I: Dania Bilal	Human-information Behavior and Interaction: Envisioning a New Paradigm Shift
	15:00	Session 3: Search	
		Yunqi Li, Hanxiong Chen, Juntao Tan and Yongfeng Zhang	Causal Factorization Machine for Robust Recommendation
		Sumanta Kashyapi and Laura Dietz	Query-specific Subtopic Clustering
		Sourav Saha, Dwaipayan Roy and Mandar Mitra	On Modifying Evaluation Measures to Deal with Ties in Ranked Lists
	15:55	Coffee Break	
	16:30	Session 4: Web Archives	
		Helge Holzmann, Nick Ruest, Jefferson Bailey, Alex Dempsey, Samantha Fritz, Peggy Lee and Ian Milligan	ABCDEF - The 6 key features behind scalable, multi-tenant web archive processing with ARCH: Archive, Big Data, Concurrent, Distributed, Efficient, Flexible
		Martin Klein, Lyudmila Balakireva, Karolina Holub, Drazenko Celjak and Ingeborg Rudomino	Investigating Bloom Filters for Web Archives Holdings
		Yasith Jayawardana, Vikas G. Ashok and Sampath Jayarathna	StreamingHub: Interactive Stream Analysis Workflows
	17:30	Invited Talk I: M. Nelson & H. Van De Sompel	D-Lib Magazine pioneered Web-based Scholarly Communication
	18:15	Break	
	19:00	Welcome Reception	

Wednesday, 22.6.	09:00	Daily Minute Madness	
	09:30	Session 5: Citation Analysis	
		Prajwal Bhattarai, Mohammad Ghassemi and Tuka Alhanai	Open-source Code Repository Attributes Predict Impact of Computer Science Research
		Yusra Shakeel, Rand Alchokr, Jacob Krüger, Thomas Leich and Gunter Saake	Altmetrics and Citation Counts: An Empirical Analysis of the Computer Science Domain
		Masaya Ohagi and Akiko Aizawa	Pre-trained Transformer-Based Citation Context-Aware Citation Network Embeddings
	10:25	Coffee Break	
	10:55	Session 6: Information Extraction	
		Philipp Scharpf, Moritz Schubotz and Bela Gipp	Mining Mathematical Documents for Question Answering via Unsupervised Formula Labeling
		Xin Wei, Jian Wu, Kehinde Ajayi and Diane Oyen	Visual Descriptor Extraction from Patent Figure Captions: A Case Study of Data Efficiency Between BiLSTM and Transformer
	11:30	Session 7: Digital Library Practises I	
		Qian Wu, Chei Sian Lee and Dion Hoe-Lian Goh	Asking for Help in Community Question-Answering: The Goal-Framing Effect of Question Expression on Response Networks
		Allen Riddell	Reliable Editions from Unreliable Components: Estimating Ebooks from Print Editions Using Profile Hidden Markov Models
	12:15	Lunch	
	13:30	Data/Demo Session Pitches	
	14:00	Datasets and Demos	see next page for the complete list
	15:30	Coffee Break	
	16:00	Session 8: Users Studies	
		Jiqun Liu and Chirag Shah	Leveraging User Interaction Signals and Task State Information in Adaptively Optimizing Usefulness-Oriented Search Sessions
		Corinna Breitingner, Kay Herklotz, Tim Flegelskamp and Norman Meuschke	Recommending Research Papers to Chemists: A Specialized Interface for Chemical Entity Exploration
		Orland Hoeber and Dale Storie	Information Seeking within Academic Digital Libraries: A Survey of Graduate Student Search Strategies
		Tyler Brown and Jiqun Liu	A Reference Dependence Approach to Enhancing Early Prediction of Session Behavior and Satisfaction
	17:15	Invited Talk II: Heike Winschiers-Theophilus	Bridging worlds: Indigenous knowledge in the digital world
	19:30	Conference Dinner	

List of Demos and Datasets

Matthew Yang, Siwen Yang and Jimmy Lin	Integration of Text and Geospatial Search for Hydrographic Datasets Using the Lucene Search Library
Christin Katharina Kreutz, Martin Blum and Ralf Schenkel	SchenQL: A query language for bibliographic data with aggregations and domain-specific functions
Shaurya Rohatgi, Douglas Downey, Daniel King and Sergey Feldman	AMP: A High-Coverage Dataset of Scholarly Mentorship Inferred from Publications
Yinlin Chen	DevOps Practices in Digital Library Development
Piotr Rychlik, Małgorzata Marciniak and Agnieszka Mykowiecka	TermoPL – a tool for extracting and clustering domain related terms
Lozana Rossenova, Zoe Schubert, Richard Vock, Lucia Sohmen, Lukas Günther, Paul Duchesne and Ina Blümel	Collaborative annotation and semantic enrichment of 3D media: A FOSS toolchain
Janete Saldanha Bach, Claus-Peter Klas and Peter Mutschke	The hurdles of current data citation practices and the adding-value of providing PIDs below study level
Thanasis Vergoulis, Serafeim Chatzopoulos, Kleanthis Vichos, Ilias Kanellos, Andrea Mannocci, Natalia Manola and Paolo Manghi	BIP! Scholar: A Service to Facilitate Fair Researcher Assessment
Ming Jiang, Ryan C. Dubnick, Glen Worthey, Ted Underwood and J. Stephen Downie	A Prototype Gutenberg-HathiTrust Sentence-level Parallel Corpus for OCR Error Analysis: Pilot Investigations
Kamal Kaushik, Tirthankar Ghosal and Valia Kordoni	HedgePeer: A Dataset for Uncertainty Detection in Peer Reviews
Bhanuka Mahanama, Lyudmila Balakireva, Sampath Jayarathna, Michael Nelson and Martin Klein	Memento Validator: A toolset for Memento compliance testing

Thursday, 23.6.	09:00	Daily Minute Madness	
	09:30	Session 9: Academic Practises I	
		Shan Liu, Hongkan Chen and Yi Bu	Comparing different perspectives of characterizing interdisciplinarity of scientific publications: Author vs. publication perspectives
		Chifumi Nishioka, Michael Färber and Tarek Saier	The Influence of Author Affiliations on Preprint Citation Count
		Sandeep Kumar, Hardik Arora, Tirthankar Ghosal and Asif Ekbal	DeepASPeer: Towards an Aspect-level Sentiment Controllable Framework for Decision Prediction in Peer Reviews
	10:30	Coffee Break	
	11:00	Session 10: Academic Practises II	
		Yuerong Hu, Zoe LeBlanc, Jana Diesner, Ted Underwood, Glen Worthey and J. Stephen Downie	Complexities Associated with User-generated Book Reviews in Digital Libraries: Temporal, Cultural, and Political Case Studies
		Jing Ren, Yajie Shi, Adrian Shatte, Xiangjie Kong and Feng Xia	The Significance and Impact of Winning an Academic Award: A Study of Early Career Academics
		Gustavo Fernandes and Pedro Vaz-de-Melo	Between Acceptance and Rejection: Challenges for an Automatic Peer Review Process
	12:30	Lunch	
	14:00	Session 11: Digital Library Practises II	
		Arthur Brack, Anett Hoppe, Pascal Buschermöhle and Ralph Ewerth	Cross-Domain Multi-Task Learning for Sequential Sentence Classification in Research Papers
		Carolin Keller, Tamara Heck and Marc Rittberger	Is one source enough? The effects of literature databases on the outcomes of systematic reviews
		Hermann Kroll, Jan Pirklbauer, Florian Plötzky and Wolf-Tilo Balke	A Library Perspective on Nearly-Unsupervised Information Extraction Workflows in Digital Libraries
	15:00	Keynote II: York Sure-Vetter	German National Research Data Infrastructure (NFDI) – Structure and Perspective
	16:00	Closing Main Conference	

Friday, 24.6.		Workshops
	09:00	Morning Sessions I
	10:30	Coffee Break
	11:00	Morning Sessions II
	12:30	Lunch
	14:00	Afternoon Sessions I
	15:30	Coffee Break 2
	16:00	Afternoon Sessions II
	17:30	End of Workshops

List of workshops: <https://2022.jcdl.org/workshops-tutorials/>
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