

Yuen-Hsien Tseng
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From Born-Physical to Born-Virtual: Augmenting Intelligence in Digital Libraries

24th International Conference on Asian Digital Libraries, ICADL 2022
Hanoi, Vietnam, November 30 – December 2, 2022
Proceedings



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Preface

This volume contains papers accepted at ICADL 2022: The 24th International Conference on Asia-Pacific Digital Libraries (<https://icadl.net/icadl2022/>). As the COVID-19 pandemic was gradually declining, the conference was organized as an onsite face-to-face conference but allowed those who could not attend to present their papers online and participate in the sessions remotely. The onsite meeting was held at Vietnam National University in Hanoi, Vietnam, from November 30 to December 2, 2022.

The ICADL conference series started in Hong Kong in 1998 and, over the years, having traveled to many countries in the Asia-Pacific region, has built a reputation as a significant digital library conference. Along with JCDL and TPDF, ICADL is held annually as one of the three top venues for connecting digital libraries, computer science, and library and information science communities. ICADL brings together researchers and practitioners in various aspects of research and practice in digital libraries. In the past few years, we have witnessed rapid advances in artificial intelligence (AI), especially in semantic search, personalized recommendation, understanding and generation of texts, images, video, and documents, together with augmented libraries, the metaverse, IoT, blockchain, and big data analytics. With these advances, many innovative applications become possible, and digital libraries could play crucial roles in AI research, applications, and practices. Thus, this year, the conference ran under the theme “From Born-Physical to Born-Virtual: Augmenting Intelligence in Digital Libraries.”

In response to the conference call, 78 papers were submitted to ICADL 2022, and each paper was reviewed by at least three Program Committee (PC) members in a single-blind process. Based on the reviews and recommendations from the PC, 14 full papers, 18 short papers, and 12 posters were selected and included in the proceedings. Collectively, the submissions came from 21 countries – signifying the diversity of ICADL 2022. Based on significant contributions, the full and short papers have been classified into seven topics: Intelligent Document Analysis, Neural-based Knowledge Extraction, Knowledge Discovery for Enhancing Collaboration, Smart Search and Annotation, Cultural Data Collection and Analysis, Scholarly Data Processing, and Data Archive and Management.

The success of ICADL 2022 was the result of teamwork from many individuals. We would like to thank the PC members for their effort and time spent on reviewing submitted contributions, Son Hoang Nguyen and Shigeo Sugimoto (general chairs), and Ricardo Campos, Songphan Choemprayong, Adam Jatowt, Hao-Ren Ke, Akira Maeda, Maciej Ogrodniczuk, Muhammad Syafiq Mohd Pozi, Michael Färber, and Chutiporn Anutaria (publicity co-chairs). We are incredibly grateful to Shigeo Sugimoto for his persistent enthusiasm to guide us to be on track to hold a successful ICADL. We also thank Adam Jatowt and Emi Ishita for their leadership and support.

Finally, we would like to thank all authors, presenters, and participants of the conference. We hope that you enjoyed the conference proceedings.

December 2022

Yuen-Hsien Tseng
Marie Katsurai
Hoa N. Nguyen

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Contents

Intelligent Document Analysis

Fast Few Shot Self-attentive Semi-supervised Political Inclination Prediction	3
<i>Sowic Chakraborty, Pawan Goyal, and Animesh Mukherjee</i>	
Unsupervised Keyphrase Generation by Utilizing Masked Words Prediction and Pseudo-label BART Finetuning	21
<i>Yingchao Ju and Mizuho Iwaihara</i>	
Computer Science Named Entity Recognition in the Open Research Knowledge Graph	35
<i>Jennifer D'Souza and Sören Auer</i>	
Distantly Supervised Named Entity Recognition with Category-Oriented Confidence Calibration	46
<i>Liangping Ding, Tian-Yuan Huang, Huan Liu, Yufei Wang, and Zhixiong Zhang</i>	

Neural-based Knowledge Extraction

Extractive Summarization Utilizing Keyphrases by Finetuning BERT-Based Model	59
<i>Wang Xiaoye and Iwaihara Mizuho</i>	
Visualization of the Gap Between the Stances of Citizens and City Councilors on Political Issues	73
<i>Ko Senoo, Yohei Seki, Wakako Kashino, and Noriko Kando</i>	
Ensembling Transformers for Cross-domain Automatic Term Extraction	90
<i>Hanh Thi Hong Tran, Matej Martinc, Andraz Pelicon, Antoine Doucet, and Senja Pollak</i>	
Impact Analysis of Different Effective Loss Functions by Using Deep Convolutional Neural Network for Face Recognition	101
<i>Anh D. Nguyen, Dat T. Nguyen, Hai N. Dao, Hai H. Le, and Nam Q. Tran</i>	

Knowledge Discovery for Enhancing Collaboration

Singlish Checker: A Tool for Understanding and Analysing an English Creole Language 115
Lee-Hsun Hsieh, Nam-Chew Chua, Agus Trisnajaya Kwee, Pei-Chi Lo, Yang-Yin Lee, and Ee-Peng Lim

“S × UKILAM” Collaboration to Connect Local Digital Resources and School Education: Workshop and Archiving to Construct Network of “People” and “Data” 125
Masao Oi, Boyoung Kim, and Hidenori Watanave

Active Learning for Efficient Partial Improvement of Learning to Rank 135
Koki Shibata and Makoto P. Kato

Differences Between Research Projects in Computer Science Funded by Japanese and American Agencies 144
Emi Ishita and Tetsuya Nakatoh

Smart Search and Annotation

Bibrecord-Based Literature Management with Interactive Latent Space Learning 155
Shingo Watanabe, Hiroyoshi Ito, Masaki Matsubara, and Atsuyuki Morishima

Can a Machine Reading Comprehension Model Improve Ad-hoc Document Retrieval? 172
Kota Ushu, Makoto P. Kato, and Sumio Fujita

Experimenting with Unsupervised Multilingual Event Detection in Historical Newspapers 182
Emanuela Boros, Luis Adrián Cabrera-Diego, and Antoine Doucet

Towards a Polish Question Answering Dataset (PoQuAD) 194
Ryszard Tuora, Natalia Zawadzka-Paluckta, Cezary Klamra, Aleksandra Zwierzchowska, and Łukasz Kobyliński

Cultural Data Collection and Analysis

Accessing Digital Cultural Heritage Information: Users vs Institutional Perspectives of Metadata and Searching 207
Ryan Colin Gibson, Sudatta Chowdhury, and Gobinda Chowdhury

A Comparison of Information Retrieval Pre-processing Algorithms Applied to African Historical Data	222
<i>Soham Singh and Hussein Suleman</i>	
Opening Access to Digital Collections: The State of Cultural Materials in Indonesian Higher Education Institutions	231
<i>Widiatmoko Adi Putranto, Regina Dwi Shalsa Mayzana, and Emi Ishita</i>	
Using Archivematica and Omeka S for Long-Term Preservation and Access of Digitized Archive Materials	241
<i>Boyoung Kim, Satoru Nakamura, and Hidenori Watanave</i>	
Scholarly Data Processing	
KGMM - A Maturity Model for Scholarly Knowledge Graphs Based on Intertwined Human-Machine Collaboration	253
<i>Hassan Hussein, Allard Oelen, Oliver Karras, and Sören Auer</i>	
Technostress on Academic Librarians Working in Digital Scholarship During the Pandemic in Indonesia	270
<i>Nurrochmah Febrianti Nadyasari, Rahmi, and Hideo Joho</i>	
MORTY: Structured Summarization for Targeted Information Extraction from Scholarly Articles	290
<i>Mohamad Yaser Jaradeh, Markus Stocker, and Sören Auer</i>	
Scholarly Knowledge Extraction from Published Software Packages	301
<i>Muhammad Haris, Markus Stocker, and Sören Auer</i>	
Data Archive and Management	
Aggregator Reuse and Extension for Richer Web Archive Interaction	313
<i>Mat Kelly</i>	
Caching HTTP 404 Responses Eliminates Unnecessary Archival Replay Requests	329
<i>Kritika Garg, Himarsha R. Jayanetti, Sawood Alam, Michele C. Weigle, and Michael L. Nelson</i>	
Documenting Architectural Styles Using CIDOC CRM	345
<i>Michail Agathos, Eleftherios Kalogeros, Manolis Gergatsoulis, and Georgios Papaioannou</i>	

Exploiting Views for Collaborative Research Data Management of Structured Data	360
<i>David Broneske, Ian Wolff, Veit Köppen, and Martin Schäler</i>	
Towards Efficient Data Access Through Multiple Relationship in Graph-Structured Digital Archives	377
<i>Kazuma Kusu, Takahiro Komamizu, and Kenji Hatano</i>	
Adopting the Europeana Data Model (EDM) for Describing Resources in Cultural Heritage Systems: A Case Study of Taiwan Memory	392
<i>Wei-Hsiang Hung and Hao-Ren Ke</i>	
Web Archiving as Entertainment	401
<i>Travis Reid, Michael L. Nelson, and Michele C. Weigle</i>	
YAMAML: An Application Profile Based Lightweight RDF Mapping Language	412
<i>Nishad Thalhath, Mitsuharu Nagamori, and Tetsuo Sakaguchi</i>	
Research Activities & Digital Library	
Digital Preservation at GLAMs in Japan	423
<i>Takafumi Kinoshita and Tahee Onuma</i>	
Evaluating Machine Translation of Latin Interjections in the <i>Digital Library of Polish and Poland-related News Pamphlets</i>	430
<i>Maciej Ogrodniczuk and Katarzyna Kryńska</i>	
Extracting Information about Research Resources from Scholarly Papers	440
<i>Ayahito Saji and Shigeki Matsubara</i>	
Investigating Evolving Collection Support with Simple Tools	449
<i>Hussein Suleman</i>	
Investigating User Control to Mitigate Bias When Searching African Historical Data	456
<i>Soham Singh and Hussein Suleman</i>	
Research Outputs of Vietnam National University, Hanoi: A Bibliometric Analysis on Scopus and Web of Science During 2018–2021	464
<i>Son Nguyen Hoang, Lam Le Ba, Phuong Vu Thi Mai, Tra Nguyen Thanh, Duong Hoang Van, Bac Hoang Minh, Anh Do Diep, and Tan Nguyen Duy</i>	

Trends in Digital Library

Clustering Semantic Predicates in the Open Research Knowledge Graph 477
Omar Arab Oghli, Jennifer D’Souza, and Sören Auer

Data Librarians: Changes in Role and Job Duties Over 25 Years 485
Tokinori Suzuki, Emi Ishita, Xinyu Ma, Widiatmoko Adi Putranto, and Yukiko Watanabe

Data Spaces for Cultural Heritage: Insights from GLAM Innovation Labs 492
Milena Dobreva, Krassen Stefanov, and Krassimira Ivanova

EduArc: Federated Infrastructures for Digital Educational Resources 501
Ahmed Saleh, Mohammad Abdel-Qader, and Klaus Tochtermann

Question Support Method to Promote Critical Thinking Using Lecture Slide Structure in On-Demand Courses 509
Saki Inoue, Yuanyuan Wang, Yukiko Kawai, and Kazutoshi Sumiya

VNU-LIC Digital Knowledge Center Model: Transforming Big Data into Knowledge 516
Nguyen Hoang Son, Le Ba Lam, Hoang Van Duong, Hoang Minh Bac, Do Diep Anh, Vu Thi Thanh Thuy, Ngo Thuy Quynh, Nguyen Duy Tan, Le Huong Giang, Vu Son Hai, Trinh Van Khanh, Tran van Thi Thanh, and Nguyen Thi Kim Lan

Author Index 523