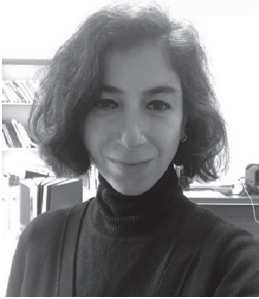# Contributors

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Assistant Professor, Department of Information and Records Management, Marmara University, Istanbul, Türkiye, and a Board Member of the University's Digital Humanities Application and Research Centre. Sümeyye completed in 2017 at Hacettepe University her PhD thesis entitled "Increasing the Visibility and Usage of Cultural Heritage Objects with the Digital Humanities Approach: A Proposal of a Conceptual Model for Turkey". Her research interests include digital humanities, information science, cultural heritage, digital history, network analysis, Ottoman history and manuscripts. She has been a reviewer at the annual conferences of the Alliance of Digital Humanities Organizations (ADHO) since 2016, a member of the Association for Information Science and Technology (ASIS&T) and country representative of the European Chapter of ASIS&T. She has various publications on information science, librarianship, biblio-metrics, social network analysis, and digital humanities. Sümeyye has won various awards and scholarships from organisations including the European Association for Digital Humanities (EADH) and the University of Victoria, British Columbia, Canada.

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CEO, Prosentient Systems (Australia) and an active technologist in the library field. Edmund holds a a PhD from the University of Sydney, an MBA from Charles Darwin University, and a BA in computer science and librarianship from the University of Canberra. His doctoral research was in the area of systematic content reuse and metadata. Edmund is Chair, Division G of the International Federation of Library Associations and Institutions (IFLA) and has been heavily involved in IFLA's Information Technology Section and Artificial Intelligence Special Interest Group (AI SIG). Edmund is actively engaged in the software development of open-source systems, and AI and discovery for libraries. His business provides hosted open-source library services, AI-enabled discovery and multi-network library resource sharing systems. His Inter-Search™ hosted services are used by over 500 libraries in Australia and the Asia Pacific region.

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Director, Research & Infrastructure, University of New South Wales (UNSW) Library, Sydney. Fiona is a PhD candidate in political science and international relations at the University of Western Australia (UWA) and holds a BA from UWA, and MA and MIM degrees from Curtin University in Perth, Western Australia. She leads the UNSW Library's scholarly communications and repositories, digital and physical infrastructure, and corporate services. She has previously held roles with the International Federation of Library Associations and Institutions (IFLA) and Research Libraries UK representing libraries and their users at global and national levels. Among other appointments Fiona is currently a member of the IFLA AI SIG, has led IFLA's open access working party, chairs the Global Sustainability Coalition for Open Science Services (SCOSS) Advisory Committee supporting investment in open science infrastructure, and is a member of the Executive Committee of Open Access Australasia. She has published and presented on AI regulation and the role of advocacy networks in access to information.

Bultrini, Leda

Leda holds various degrees and qualifications from the University of Rome Tor Vergata and the Sapienza Università di Roma. She has been involved in leading digital transition at the Lazio Regional Environmental Protection Agency in Rome (ARPA) and previously held the position of Director of the Operating Systems and Knowledge Management Division, as well as Director of the Planning, Development, and Internal Control Division and the Education Center at the same agency. She has presided over independent assessment bodies for various public institutions and has been a member of

the Board of Directors at the Università degli Studi dell'Aquila in Central Italy. Throughout her career, Leda has been an active member of the Italian Library Association, notably as a long-standing member of the Research Group on Subject Indexing. She has served on several Standing Committees (SC) within IFLA, including the SC on Classification and Indexing, the SC on Knowledge Management with a role as Chair, and the SC on Information Technology.

Chakarova, **Juja**

Librarian/Information Specialist at the International Atomic Energy Agency (IAEA), Vienna. Juja holds an MSc in electronic information management from Robert Gordon University, Aberdeen, Scotland, an MSc from the Technical University of Sofia, and a BA in library and information science from the State Institute of Librarianship in Bulgaria. Previous positions include the Head of Library at the Max Planck Institute (MPI) Luxembourg for Procedural Law which she established in late 2012. Passionate about innovation, Juja actively promotes the use of robots and AI in libraries. In 2016 she launched LIKE (Lab for Innovation, Knowledge and Exchange at MPI) to test and implement innovative ideas, including robots. She created the library of the Special Tribunal for Lebanon in The Hague, and worked for the Library of the International Criminal Tribunal for Rwanda (ICTR) in Arusha, Tanzania. Her background as librarian, software

engineer and electronic information manager has led to involvement in many library automation projects. Juja has also contributed to innovative projects in energy efficiency, wind energy and ultrafiltration in Stara Zagora, Bulgaria.

Chan, Alex Hok Lam

Library Assistant, Hong Kong Sheng Kung Hu (HKSKH) Ming Hua Theological College Library. Alex is a graduate of the University of Hong Kong and majored in electrical engineering. During his undergraduate studies, he studied computer programming in Python and R, and AI algorithms, such as regression models and neural networks, during his exchange programme at the University of Salzburg, Austria. His research interests are machine learning and deep learning, especially in the application of image analysis and natural language processing. He has assisted in various digital humanities and library user education projects, using computer programming and AI technology. Examples include image classi-fication of seal script using App Inventor and emotion analysis using mBlock. He is passionate about international library collaboration projects, which can promote information technology, cultural heritage and access to knowledge for different types of library users.
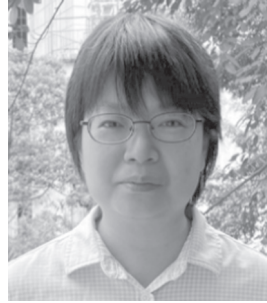
Cher. Patrick
Senior Project Manager, Digital and Library Services Group, National Library Board (NLB) Singapore. Patrick has studied information systems management and computing at Singapore Management University and Ngee

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Cox, Andrew

Senior Lecturer, Information School, University of Sheffield, UK. Andrew's PhD from Loughborough University focused on knowledge sharing among

web managers in the UK. Much of his current research relates to the information professions and their response to contemporary trends such as AI, datafication and managerialism. He is currently the convenor of the Committee of the IFLA AI Special Interest Group. He is also Chair of the Association for Information Science and Technology (ASIS&T)'s Special Interest Group on AI, SIG-AI. In 2021 he wrote an influential report for the UK library and information association, CILIP: *The Impact of AI, Machine Learning, Automation and Robotics on the Information Professions*.

Elstein, Rael

Senior Product Manager, Ex Libris Group,, part of Clarivate. Rael holds an MBA from the Hebrew University of Jerusalem and a BSc in industrial and management engineering from the Jerusalem College of Engineering. She has extensive experience in product and project management and seeks to negotiate the best fit and best results for the customer community and to ensure customer satisfaction with the company and its values. Rael has been involved in the end-to-end content ingestion lifecycle, product management, project management, and the marketing of Ex Libris products.

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Knowledge Solution Analyst, Expert.ai, Italy. Elena holds a Master's degree in computational linguistics from Uppsala University and a Master's degree in cognitive science and linguistics from the Università di Siena. She

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Haffenden. Chris

Research Coordinator, KBLab, National Library of Sweden (KB) and Researcher, Department of History of Science and Ideas at Uppsala University. Chris has an MPhil in political thought and intellectual history from Cambridge University and a PhD in the history of science and ideas from Uppsala University. His role at the National Library of Sweden includes supporting research collaboration at KBLab, running workshops on digital methodology, and scientific and popular communication about the use of AI at the library. He is currently also completing a research project on the emergence of self-erasure in the nineteenth century and the longer history of the right to be forgotten. His research interests include memory studies, the history of celebrity,

and digital research infrastructure. Recent publications have explored the notion of erasure studies, the emergence of celebrity culture in the Romantic period, and the possibilities of using AI in research libraries and include open access articles in the journals *Memory, Mind & Media* and *College & Research Libraries.*

Hirose, Yoko

President of RapidsWide, and Lecturer part-time in the library science programmes at Tokyo University of Agriculture and Showa University of Music. Yoko holds a BA in library and information science from Keio University and a Master's degree from the University of Pittsburgh. Her current portfolio includes the organisation and facilitation of library tours and the execution of comprehensive marketing research in the domains of public and university libraries. Additionally, she is the author of a book dedicated to enhancing the styling and branding of library professionals. Yoko is actively engaged in delivering lectures that explore various facets of personal style and effective communication strategies within the realm of library professionals.

Kasprzik, Anna
Head, Automation Subject Indexing, Leibniz Information Centre for Science and Technology (ZBW). Anna's PhD was in theoretical computer science from the University of Trier and other studies included linguistics and cognitive psychology at the University of Tübingen. Anna entered the library world via additional

qualifications as a subject librarian through the University Library of Constance and the Bavarian Library Academy and previous employment included the Bavarian State Library and in the Department of Research and Development at the German National Library for Science and Technology (TIB) before commencing at ZBW as the coordinator for the automatisation of subject indexing via machine learning methods. Research interests include both symbolic approaches, such as ontologies, knowledge graphs, and the semantic web, and sub-symbolic approaches from the realm of AI intelligence, and the question of how they might be intertwined in a more fruitful way.

Khamis, Iman

Library Director, Northwestern University in Qatar. Iman is currently enrolled in the EdD programme at Johns Hopkins University and she has a Master's degree in data science from Northwestern University, an MLIS from University College London, and a BEd from Alexandria University. Prior to joining

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Associate University Librarian, Library Information Technology, University of Michigan, US. Bohyun holds an MA from Harvard University, an MS(LIS) from Simmons College in Boston, and an MA and BA from Seoul National University, Korea. Previous experience includes Chief Technology Officer and Professor, University of Rhode Island and Associate Director for Library Applications and Knowledge Systems at the University of Maryland. Her research interests lie in emerging technologies and their application in the library context, including AI and machine learning. She has published widely, including "Moving Forward with Digital Disruption: What Big Data, IoT, Synthetic Biology, AI, Blockchain, and Platform Businesses Mean to Libraries"(*Library Technology Reports* 56 no. 2: February/March 2020); "Understanding Gamification" (*Library Technology Reports* 51, no. 2: February/March 2015); "The Library Mobile

Experience: Practices and User Expectations" (*Library Technology Reports* 49, no. 6: August/ September 2013); and many articles. She is a frequent speaker at international and national conferences; a former President of the Library and Information Technology Association (LITA), a division of the American Library Association (ALA); and a member of the Standing Committee of the IFLA Information Technology Section.

Klingwall, Fredrik

Metadata Strategist, National Library of Sweden. Fredrik has a background as a developer and data curator working in the linked data area, primarily with Libris, the Swedish national union catalogue which is natively published in Resource Description Framework (RDF). He works part-time with the KBLab team at the National Library of Sweden in its mission to explore new ways of extracting knowledge from digital collections. Fredrik represents the National Library of Sweden on the Dublin Core™ Metadata Initiative (DCMI) Governing Board.

Korošec, Mojca Rupar
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ethical approach to data handling in libraries published in the *Handbook of Research on Knowledge and Organization Systems in Library and Information Science* by Barbara Holland (Hershey Penn.: IGI Global, 2021). Mojca is the representative from Slovenia on the European Resource Description & Access (RDA) Interest Group (EURIG) which is the organising body for European representation to the RDA Steering Committee (RSC). Mojca is a member of the Committee of the IFLA AI Special Interest Group.

Kurtz, Robin

Senior Data Scientist, KBLab, National Library of Sweden. Robin's doctoral studies at Linköping University on semantic dependency parsing combined research from theoretical computer science, machine learning and natural language processing. He has co-authored multiple papers in natural language processing journals and conference proceedings and is engaged in developing models on the library's data resources using machine learning, to make them

accessible for researchers in the humanities and language technology.

Kwan, Kenny Ka Lam
Formerly part-time Library Assistant at Hong Kong Sheng Kung Hu (HKSKH) Ming Hua Theological College Library (MH Library) before taking up an appointment as a full-time structural engineer. Kenny obtained his Bachelor's and Master's degrees in civil engineering at the Hong Kong University of Science and Technology. During his studies, he gained valuable research experience in the

application of AI to enhancing construction safety. His academic background and hands-on experience at the MH Library in developing mini-AI games have enabled him to widen his outlook on the use of AI in areas such as promoting digital humanities and innovation in studying. He hopes that the mini-AI games might serve as a preliminary study on the use of AI tools in gamification for digital humanities and library user education and also to develop AI games to benefit a broad range of users.

Le Provost, Aline
Librarian, Agence Bibliographique de l'Enseignement Supérieur/Bibliographic Agency for Higher Education (Abes), Montpellier, France. Aline completed a Master of Information and Documentation at the University of Lille in France and also studied at the University of Rennes. She is a metadata specialist and works primarily

on the automatic generation and assessment of links between bibliographic data and authority data. She was part of a team which developed a research project IdRef, Paprika and Qualinka which has been implemented as a toolbox for authority data quality and interoperability and released as open source software.

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Senior Systems and Data Developer, National Library of Sweden, with responsibility for the data modelling and semantic interoperability of the Swedish national union cataloguing system (Libris). He specialises in web and linked data technology to establish wider interoperability, and has been active in the Resource Description Framework (RDF) community since the early 2000s, working on tools and standards such as JavaScript Object Notation for Linked Data (JSON-LD) and RDFa. He is Co-chair of the Dublin Core™ Metadata Initiative (DCMI) Usage Board.

Lundborg, Viktoria
Librarian, National Library of Sweden, and Editor of the thesaurus Swedish Subject Headings (SAO). Viktoria holds a Master's degree in library and information science. She has a background in cataloguing and authority work and is the National Library of Sweden's representative on European and international committees in matters concerning subject headings and genre/form terms.

Malmsten, Martin
Head Data Scientist, KBLab, National Library of Sweden and IT-architect, National Library of Sweden. Martin's background is in computer science and software development. Having

implemented and worked closely with numerous metadata standards and systems, he is a strong supporter of linked open data as a paradigm and a way to connect information. He has worked extensively with, and advocated for, linked data for cultural heritage. His focus for the last couple of years has been on training large language and acoustic models and their application in a library setting. He also works on infrastructure design for machine learning and prototyping.

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Head, Le labo, Agence bibliographique de l'enseignement supérieur (Abes)/Bibliographic Agency for Higher Education, Montpellier, France. Yann holds an MPhil from the University

of Nantes and after studying and teaching philosophy became a metadata librarian at Abes in 2003. He has applied the most recent technologies to university bibliographic data to integrate, enrich and disseminate the data, and facilitate the design and creation of services to meet users' needs. He has striven to maintain the link between innovative technical solutions and strategic thinking and led and contributed to many applications and projects developed by Abes with a strong focus on authority data and a semantic web approach. As head of the Abes lab, Yann now gives priority to efforts to enhance Abes data and services with AI.

Potter, Abigail

Senior Innovation Specialist, and founding member of LCLabs, Library of Congress, Washington DC. Abigail has an MSI from the University of Michigan School of Information in digital preservation and human-computer interactions, and a BA from Western Michigan University. LCLabs is a digital innovation team in

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Professor, School of Information Technology, University of Cincinnati. Annu holds a PhD in human computer interaction and design, and health informatics, and a Master's degree in informatics, from Indiana University, Bloomington, and an MS from Mississippi State University. Her research intersects interaction design, health informatics, diversity, equity,

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of Information Technology where her research focuses on the use of AI and machine learning to create bias-free services and structures specifically in the area of Science, Technology, Engineering and Medicine (STEM) education. At the University, Josette is responsible for the development of information technology innovations and partnerships. She is committed to creating a more inclusive environment within STEM through the discovery of AI driven pathways for success and to creating an environment that does not tolerate but embraces difference and empowers individuals and organisations to excel.

Saccucci, Caroline

Chief, US Programs, Law, and Literature Division, Library of Congress, US. Caroline holds an MS(LIS)

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honours in library and information science from the University of KwaZulu-Natal, and project management qualifications from the University of South Africa. Her background is in library resource management, systems and operations involving administration services, fiscal management, and special projects management. Previous positions include the Senior Manager at the National Library for the Blind in South Africa, and the Director, Operations and Collection Management at the University of Johannesburg. Neli has been heavily involved in IFLA activities including the third IFLA Artificial Intelligence Symposium which was hosted by NWU, and the IFLA IT Section. She has served as a member of the Standing Committee of the IFLA Libraries Serving People with Print Disabilities Section and is currently a member of the Committee of the IFLA Big Data Special Interest Group.

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served as a reviewer for the Bill & Melinda Gates Foundation, currently serves on the IFLA Information Technology Section Standing Committee and is editor of the Section's newsletter, *Trends and Issues in Library Technology (TILT).* Raymond's interests include artificial intelligence, research data repositories, digital scholarly research ecosystems, online education, multimedia digital libraries, learning commons and new IT infrastructure implementation.

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Director, Product Management, Ex Libris Group, part of Clarivate. Itai leads the cross products and innovation group in the Library Solutions business unit at Ex Libris. His main responsibilities are to promote new services and infrastructure in the areas of analytics and AI, linked open data, user experience, openness, security and privacy. Itai's previous experience was with the Alma system. He strongly

believes in true user-centric collaboration and partnership with the customers community. It is all about the data, how it is managed and how it is presented. He is seeking to increase and develop his expertise in library management systems, especially linked open data.

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