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ANDERSON

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InterPARES Trust AI

Public Symposium

Bringing AI to the Archives

Anderson College of Business and Computing
Peter Claver Hall, Room 212
Regis University
Denver, Colorado

October 25, 2024, 09:00 - 4:00

Live Stream: <https://youtube.com/live/xF6CnL01iqY?feature=share>

09:00 **Luciana Duranti, University of British Columbia (UBC)**

Introducing InterPARES Trust AI

09:30 **Richard Arias Hernandez, UBC**

AI competencies for the Archival Professions

10:00 **Iori Khuhro, UBC**

Where's the Balance?: AI, Archives, and Privacy

10:30 **Hugolin Bergier, Regis University**

The Logic of Records in Context

11:00 **Joseph T. Tennis, University of Washington**

AI and the Chain of Preservation

11:30 **Tracey Lauriault, Carleton University**

Data, Automation & AI in the Digital Twin

12:00 *Break for lunch*

1:30 **Peter Sullivan, UBC**

Presenting Audio Archives at UNESCO

2:00 **Jessica Bushey, San Jose State University**

AI-gen Images and AI in Photo archives

2:30 **Hrvoje Stancic, University of Zagreb**

AI-as-a-Service for Archives

3:00 **Muhammad Abdul-Mageed, UBC**

Latest news from the UBC-NLP lab

3:30 Questions and discussion

4:00 Adjourn

Speaker Bios



Luciana Duranti – University of British Columbia

InterPARES Trust AI Principal Investigator and Co-Director

Luciana Duranti is since 1987 a Professor of archival theory, diplomatics, and digital records in the master's and doctoral archival programs of the School of Information of the University of British Columbia (UBC), in Vancouver, Canada, and, since 2011, Affiliate Professor at the University of Washington at Seattle, United States. Professor Duranti is Director of the UBC Centre for the International Study of Contemporary Records and Archives, and, since 1998, the Principal Investigator of the InterPARES research project. She has published extensively on archival and diplomatics theory and on the use of their concepts for understanding the products of new technologies. Since 2015, she is the Chair of the Canadian Government Standards Board committee for Electronic Records as Documentary Evidence.



Muhammad Abdul-Mageed – University of British Columbia

InterPARES Trust AI Co-Director

Muhammad Abdul-Mageed is a Canada Research Chair in Natural Language Processing and Machine Learning, and Associate Professor in the School of Information and Department of Linguistics (Joint Appointment), and Computer Science (Associate Member), at The University of British Columbia. His research is in deep learning and natural language processing, focusing on deep representation learning and natural language socio-pragmatics, with a goal to innovate more equitable, efficient, and 'social' machines for improved human health, safer social networking, and reduced information overload. Applications of his work currently span a wide range of speech and language understanding and generation tasks. He is director of the [UBC Deep Learning & NLP Group](#), co-director of the SSHRC-funded [Trust Artificial Intelligence](#), and co-lead the SSHRC [Ensuring Full Literacy](#) Partnership Grant. He is a founding member of the [Center for Artificial Intelligence Decision making and Action](#) and a member of the [Institute for Computing, Information, and Cognitive Systems](#).



Richard Arias Hernandez, University of British Columbia

Richard Arias is an Associate Professor of Teaching at the School of Information at UBC, focusing on digital libraries, digital collections, information systems, information visualization, data management, analytics, and visualization at the iSchool graduate programs and in the Bachelor of Media Studies (BMS). His current research focuses on curriculum design for archival studies programs to leverage and incorporate artificial intelligence and machine learning into archival and records management practices.



Hugolin Bergier, Regis University

Hugolin Bergier is an Associate Professor in Computer Science at Regis University. Prior to joining Regis, he was an Assistant Professor at the Catholic University of the West in France and worked as a developer and research scientist for Phase Change Software, a company which specializes in artificial intelligence for program analysis. His research interests revolve around logic, mathematics and theoretical computer science with focuses on lambda-calculus, combinatory logic, intensionality and computation theory.



Jessica Bushey - San José State University

Jessica Bushey is an Assistant Professor in the School of Information at San José State University in California, where she teaches courses on Reference and Information Services in Archives, and Preservation Management in Archival Repositories. Prior to joining SJSU, Bushey worked with municipal archives, university museums and archives, and international organizations to develop policies and procedures for managing and preserving digital images and audiovisual collections. Most recently, she led a rapid response social media collecting project and a digital oral history project at the Museum and Archives of North Vancouver (MONOVA) to document community responses to the COVID-19 pandemic.



Iori Khuhro, University of British Columbia

Iori Khuhro (she/they) is pursuing a Dual Master of Archival Studies and Library and Information Studies at the University of British Columbia. She has been a Graduate Research Assistant for InterPARES Trust AI since January 2024, focusing on the relationships between AI, privacy, and archives. Iori is currently the secretary for ACA@UBC, the student chapter, and has developed an academic interest in EDI, critical, and trauma-informed pedagogy within the archival profession and practices.



Tracey P. Lauriault – Carleton University, Canada

Dr Tracey P. Lauriault is Associate Professor, Critical Media and Big Data, [School of Journalism and Communications](#), also with [Digital Humanities](#), and the [Institute for Data Science](#) at [Carleton University](#) in Ottawa, Canada. She is one of the founders of critical data studies; open data in Canada, and Open Smart Cities. Ongoing research involves data preservation, digital twins, smart cities, data brokers and indigenous data governance. As a publicly engaged scholar, she mobilizes her research into data and technology policy and as a technological citizen, she aims to make data and technological systems more just, inclusive, equitable and sustainable. <https://orcid.org/0000-0003-1847-2738>



Hrvoje Stančić – University of Zagreb, Croatia

Dr. Hrvoje Stančić is Vice-dean for organization and development, and full professor at the Faculty of Humanities and Social Sciences, University of Zagreb, where he teaches in the Department of Information and Communication Sciences at undergraduate, graduate and postgraduate levels. He has been Chair of archival and documentation sciences at the same Department since 2008. In the context of the 4th InterPARES project (2013-2019) he was Director of the European research team where he led a blockchain-related research study. At the Croatian Standards Institute, he is President of the mirror technical committee for development of ISO/TC 307 Blockchain and Distributed Ledger Technologies standard. In October 2021 he was awarded a bronze medal at the 19th International Innovation Exhibition for his innovation *TrustChain – A System for Preservation of Trustworthiness of the Digitally Signed Documents*. In 2022 he was awarded a silver medal at the 19th International Innovation Exhibition for his innovation *Blockchain-based diploma authentication system*. He is editor of the book *Trust and Records in an Open Digital Environment* (Routledge, 2021).



Peter Sullivan - University of British Columbia

A doctoral student in the PhD program University of British Columbia School of Information, Peter has contributed in a substantial way to the writing of the research proposal for I Trust AI, and to the delivery of tutorials and workshops on AI for records. He provides support to various studies as needed. His doctoral research is on AI for archives.



Joseph T. Tennis - University of Washington

Joseph Tennis is a Professor of Information Science, Adjunct Professor in Linguistics, and a member of the Textual Studies, Computational Linguistics, and Museology faculty advisory groups at the University of Washington. He is also outgoing Associate Dean for Faculty Affairs, and Executive Director of Administrative Services at the University of Washington Information School. He served as President of the International Society for Knowledge Organization from 2014-2018. He was Chair of the Governing Board for the Dublin Core Metadata Initiative, where he has also served on the Usage Board, continuously since 2006. He has served on the *Library Quarterly* and *Knowledge Organization* editorial boards. He has been a member of InterPARES 2, 3, and 4 and is currently a co-investigator in InterPARES Trust AI. His research is on classification theory, information provenance, metadata versioning, ethics of knowledge organization work, descriptive informatics, and authenticity. He teaches courses in classification, metadata, and intellectual foundations of information science.