NISO Plus 2020

FEBRUARY 23 · SUNDAY

| 9:30am – 12:00pm | P | **PRE-CONFERENCE: The Potential and Challenges of Today's AI** | International Room |

Speakers: Bohyun Kim
Collaborative Notes: http://bit.ly/NISOPlus_Preconference

This preconference will provide an overview of AI and machine learning and review their current applications and future potential. The participants will (i) explore how AI and machine learning will affect people's information-seeking activities, (ii) discuss some of the experiments to bring AI into the library context, and (iii) brainstorm more ways in which libraries may utilize AI techniques or AI-powered products to make their collections more accessible, discoverable, and analyzable, their services more effective and user-friendly, and their operations more efficient.

This preconference will also offer a broader look at the socio-economic, political, and ethical challenges that AI presents in the areas of production, labor management, and AI governance. Attendees will be encouraged to think more deeply about what it will or should be like to live, work, and learn in the age of AI.

| 1:00pm – 1:30pm | A | **Welcome to the Inaugural NISO Plus Conference** | Calvert Ballroom Salon C |

Moderators: Todd Carpenter
Speakers: Jason Griffey
NISO Staff: Nettie Lagace, Alice Meadows, Jill O'Neill
Join Todd Carpenter, NISO Executive Director, and other members of the NISO staff for the opening of the first annual NISO Plus Conference.

| 1:30pm – 2:30pm | A | **Opening Keynote — The Other I-Word: Infrastructure and the Future of Knowledge** | Calvert Ballroom Salon C |

Moderators: Marian Hollingsworth
Speakers: Amy Brand
Collaborative Note Document: http://bit.ly/NISOPlusKeynote1

| 2:30pm – 3:00pm | A | **Networking Break** | Calvert C & Baltimore Theater Foyers |

| 3:00pm – 3:45pm | N | **Big Data** | International Room |

Moderators: Maria Stanton
Speakers: Mark Hahnel, Karin Wulf
Collaborative Notes: http://bit.ly/NISOPlus_Big_Data

Large datasets — which used to take researchers months, years, or even decades to analyze — can now be created and mined quickly and easily. Many are openly available for all to use. But approaches to managing, curating, sharing, and preserving big data consistently have not kept pace. This session features two speakers with very different perspectives on the topic, who will lead us in a discussion of what is needed and why.

| 3:00pm – 3:45pm | S | **ERM Systems: Emerging Trends, and Opportunities for Publisher/Vendor Partnerships** | Baltimore Theatre Room |

Moderators: Bob Boissy
Speakers: Peter McCracken, Lola Estelle
Collaborative Note Document: http://bit.ly/NISOPlus_ERM_Systems

Libraries invest a great deal into their ERM systems, and the end user experience depends upon publisher data being correctly represented within them. However, publishers may lack insight into what these systems do, how they are evolving to address emerging technologies and business models, and how to partner with the systems' vendors to in order to best serve their mutual customers. In this session, we will provide an overview of ERM system functionality, then explore the opportunities presented by the new open source FOLIO ERM. Finally, we will discuss how publishers and ERM vendors can work together to ensure that customer libraries get the best return-on-investment on both their ERM systems and licensed content.

3:00pm – 4:30pm	R	**Engaging with NISO — Organization, Goals, and Process**	Calvert Ballroom Salon E

Moderators: Rhonda Ross
Speakers: Todd Carpenter
Collaborative Note Document: http://bit.ly/NISOPlus_Org_Goals_Process

Join us for an introduction to NISO, the National Information Standards Organization! What do we do? How do we do it? How can you be involved in national and international work relating to standards that drive huge amounts of the information ecosystem?

Come join us and find out! Bring your questions, we'll be there to answer them!

3:00pm – 4:30pm	U	**Standards Project Updates (1) — JATS, JATS4R, STS, SSOS**	Calvert Ballroom Salon B

Moderators: Jabin White
Speakers: Debbie Lapeyre, Melissa Harrison, Robin Dunford, Robert Wheeler
Collaborative Note Document: http://bit.ly/NISOPlus_StndrdsUpdte1_JATS_JATS4R_STS_SSO

Standards are at the heart of what NISO does, and we rely on our community to help us decide what is needed and why, to develop new standards, and to update existing ones. These sessions are your opportunity to engage directly with representatives from some of our current working groups and committees, starting with JATS, JATS4R, STS, and SSOS (see https://www.niso.org/standards-committees for more information on each of these).

4:00pm – 4:30pm	N	**Big Data (Conversation)**	International Room

Moderators: Maria Stanton
Speakers: Mark Hahnel, Karin Wulf
Collaborative Notes: http://bit.ly/NISOPlus_Big_Data

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4:30pm – 5:30pm	A	**Wrap-up of Day One**	Calvert Ballroom Salon C

Speakers: Sara Rouhi, Jason Griffey
Collaborative Note Document: http://bit.ly/NISOPlus_WrapD1

Join Jason Griffey (NISO) and Sara Rouhi (PLoS) for a summary of the conference opening, as well as a look forward to the next two days.

5:45pm – 7:00pm	A	**Conference Welcome Reception**	Versailles Room

Speakers: Todd Carpenter, Jason Griffey
Join us for light snacks and good conversation.

NISO Plus 2020

A	All Conference	N	NFAIS Foresight	S	NISO Now	R	Projects & Participation	U	Updates & Discussions

FEBRUARY 24 • MONDAY

8:00am – 9:00am	A	**Breakfast**	Versailles Room

9:00am – 9:45am   N   **Artificial Intelligence and Machine Learning**   International Room
Moderators: Janetta Waterhouse
Speakers: Jason Chabak, Huajin Wang, Brian Cody
Collaborative Note Document: http://bit.ly/NISOPlus_AI-Machine_Learning

With more and more information providers exploring the implications of AI and machine learning for their businesses and services, this session is a timely discussion of the issues we need to be considering now in order to ensure that we make the right decisions for the future.

9:00am – 9:45am   S   **Introduction to Seamless Access**   Baltimore Theatre Room
Moderators: Chris Shillum
Speakers: Tim Lloyd
Collaborative Note Document: http://bit.ly/NISOPlus_Intro_Seamless_Access

Seamless Access is one of the next big things for researchers and their organizations. Learn what it is, why and how it's been developed, and what it means for your organization, in this introductory session.

9:00am – 9:45am   R   **CRediT — the Contributor Roles Taxonomy Standard**   Calvert Ballroom Salon E
Moderators: John Dove
Speakers: Tom Demeranville, Gabe Harp, Alison McGonagle-O'Connell
Collaborative Note Document: http://bit.ly/NISOPlus_CRediT

The CRediT (Contributor Roles Taxonomy) initiative aims to make it easier for researchers to get the credit they deserve for all their contributions, by identifying 14 different roles that can be assigned to one or more contributors to a research project. This information can then be included in the metadata for any research output — articles, books/book chapters, datasets, etc. NISO members have just voted to develop it as a standard — come learn more!

9:00am – 10:30am   U   **Standards Project Updates (2) — KBART, ODI, and MECA**   Calvert Ballroom Salon B
Moderators: Marian Hollingsworth
Speakers: Sally Ubnoske, Laura Morse, Noah Levin
Collaborative Note Document: http://bit.ly/NISOPlus_StndrdsUpdte2_KBART_ODI_MECA

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10:00am – 10:30am   N   **Artificial Intelligence and Machine Learning (Conversation)**   International Room
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| 10:30am – 11:00am | A | **Networking Break** | Calvert C & Baltimore Theater Foyers |

| 11:00am – 11:45am | N | **Data Publishing** | International Room |

Moderators: Jody DeRidder
Speakers: Carly Robinson, Shelley Stall
Collaborative Note Document: http://bit.ly/NISOPlus_Data_Publishing

Data publishing is still in its relatively early days, with more questions than answers. The information community is at the forefront of addressing many of those questions and this session will update you on the key challenges and opportunities we face. The speakers will share their own experiences and invite you to share yours as we seek to agree on some concrete next steps for NISO and our community.

| 11:00am – 11:45am | S | **OA Mandates — Executive Orders, Plan S, and More!** | Baltimore Theatre Room |

Moderators: Keith Webster
Speakers: Lauren Kane, Brian Cody
Collaborative Note Document: http://bit.ly/NISOPlus_OAMandates_PlanS

Open Access mandates are on everyone's mind, thanks to Plan S, the recent US OA executive order, and more. This session will provide a variety of perspectives, as well as a chance to discuss the challenges and opportunities OA mandates present for libraries, publishers, and service providers alike.

Lauren Kane
A data-driven response to emergent OA policies
How are society publishers leveraging publication data to make informed decisions about OA strategy? This session will discuss those tools and techniques that even the smallest organizations can adopt to adeptly manage new mandates and policies. In addition, we'll discuss the importance of industry-wide metadata standards and their contribution to an OA future.

| 11:00am – 12:30pm | R | **Engaging with NISO — Organization, Goals, and Process** | Calvert Ballroom Salon E |

Moderators: Peter Simon
Speakers: Nettie Lagace
Collaborative Note Document: http://bit.ly/NISOPlus_Org_Goals_Process

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| 11:00am – 12:30pm | U | **Lightning Talks** | Calvert Ballroom Salon B |

Collaborative Note Document: http://bit.ly/NISOPlus_Lightning_Talks

| 12:00pm – 12:30pm | N | **Data Publishing (Conversation)** | International Room |

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| 12:30pm – 1:30pm | A | **Lunch** | Calvert Ballroom Salon C |

| 1:30pm – 2:00pm | U | **Ask the Experts About... Linked Data** | Calvert Ballroom Salon B |

Moderators: Mary Sauer-Games
Speakers: John Chapman, Philip Schreur
Collaborative Note Document: http://bit.ly/NISOPlus_LinkedData

Our Ask the Experts sessions are just that! A chance to ask some of the most knowledgeable people in the field about a key topic, kicking off with linked data —structured data that uses vocabularies like schema.org, which can be connected together and interpreted by machines.

| 1:30pm – 2:15pm | N | **AR/VR/3D - Non Traditional Content Forms** | International Room |

Moderators: Maria Stanton
Speakers: Chad Mairn, Carl Grant
Collaborative Note Document: http://bit.ly/NISOPlus_AR_VR_3D

Many of us associate augmented reality, virtual reality, and so on primarily with gaming and other forms of online entertainment. But it is also increasingly being used in scholarly publishing, in expected and unexpected ways. Learn more — and share your own experiences — in this session.

Carl Grant
Reality is multi-faceted and rapidly growing, so what does that mean for librarians?
Are you hearing about 3D/VR/AR/MR a lot more these days? Is it a frustrating jumble of techno-terms and expenses? Attend this session to learn how you can embrace this technology so that it adds real value to teaching, learning and research.

| 1:30pm – 2:15pm | S | **Seamless Access — A Conversation between Service Providers and Librarians** | Baltimore Theatre Room |

Moderators: Christine Stohn
Speakers: Lisa Hinchliffe, Ralph Youngen
Collaborative Note Document: http://bit.ly/NISOPlus_SeamlessAccess_SP_Lib

Seamless Access was developed by a group of stakeholders from identity tools and service providers, libraries, and publishers to provide a convenient way for researchers to access digital scholarly content and services. It builds on the NISO guidelines from the Resource Access in the 21st Century (RA21) initiative. This session gives you the chance to learn more and join the conversation!

| 2:10pm – 2:40pm | U | **Ask the Experts About... Knowledge Bases** | Calvert Ballroom Salon B |

Moderators: Julie Zhu
Speakers: Sheri Meares, Ben Johnson, Stephanie Doellinger
Collaborative Note Document: http://bit.ly/NISOPlus_KnowledgeBases

Our second *Ask the Experts* session focuses on Knowledge Bases — databases that contain information about electronic resources such as title lists, coverage dates, inbound linking syntax, collections/packages, etc., typically used by a link resolver vendor. Got questions? Stephanie Doellinger, Ben Johnson and Sheri Meares have the answers!

| 2:15pm – 2:45pm | N | **AR/VR/3D - Non Traditional Content Forms (Conversation)** | International Room |

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| 2:50pm – 3:20pm | U | **Ask the Experts About... Preservation** | Calvert Ballroom Salon B |

Moderators: Wendy Queen
Speakers: Stephanie Orphan, Craig Van Dyck
Collaborative Note Document: http://bit.ly/NISOPlus_Preservation

In an increasingly digital world, preservation is an increasingly important challenge. So, if you have questions, come to this session and ask our experts — Stephanie Orphan and Craig Van Dyck!

| 3:00pm – 3:45pm | N | **Search/Retrieval/Discovery of Information — What Does the Future Look Like?** | International Room |

Moderators: Jabin White
Speakers: Christine Stohn, Alex Humphreys
Collaborative Note Document: http://bit.ly/NISOPlus_SearchRetrieveDisc

Helping people easily find the information they want — when and how they want it — is our community's nirvana. Learn how we are doing, share your own experiences, and help us decide on what next steps are needed!

| 3:00pm – 3:45pm | S | **Statistics — COUNTER and Other Measures that Matter** | Baltimore Theatre Room |

Moderators: Michael Habib
Speakers: Athena Hoeppner, Joe Wass
Collaborative Note Document: http://bit.ly/NISOPlus_Stats_Countr_MTM

This session will look at the availability and use of statistics by and for the information community, How can we get better at measuring the things that really matter? What are they? What tools are already available? What more are needed? Come ready to learn, share, and question!

| 3:30pm – 4:00pm | U | **Ask the Experts About... Metadata** | Calvert Ballroom Salon B |

Moderators: Greg Suprock
Speakers: Patricia Feeney, Jonathan Ponder, Laura Paglione
Collaborative Note Document: http://bit.ly/NISOPlus_Metadata

Good metadata is essential to the information infrastructure — from modern languages and medicine to music and movies! Our last Ask the Experts session is your chance to get answers to your organization's metadata challenges (as well as to share your successes!).

| 3:45pm – 4:00pm | N | **Search/Retrieval/Discovery of Information (Conversation)** | International Room |

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Speakers: Christine Stohn, Alex Humphreys
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| 3:45pm – 4:15pm | A | **Refreshments** | Calvert C & Baltimore Theater Foyers |

| 4:15pm – 5:30pm | A | **Miles Conrad Award Ceremony** | Calvert Ballroom Salon C |

Speakers: Todd Carpenter

Collaborative Note Document: http://bit.ly/NISOPus_MCL_2020

| 7:00pm – 9:00pm | A | **Social Event: Illusions Magic Bar** | Illusions Magic Bar (1025 S. Charles St Baltimore, MD 21230) |

Join us for an evening of fun and magic and great company at Illusions Magic Bar. Guaranteed to be a night unlike any other!

This event is limited to the first 100 registrants!

NISO Plus 2020

FEBRUARY 25 • TUESDAY

| 8:00am – 9:00am | A | **Breakfast** | Versailles Room |

9:00am – 9:45am N **Information Privacy** *International Room*
Moderators: Athena Hoeppner
Speakers: Qiana Johnson
Collaborative Note Document: http://bit.ly/NISOPlus_Info_Privacy

Respecting users' privacy is critical for all organizations in the information industry. GDPR, the new California Consumer Privacy Act, and other legislation mean that privacy protections aren't just an ethical consideration, they're a legal requirement. What does this mean for your organization? What do you need to be doing now — and preparing for in the future? Find out more in this session, and help us start deciding on the next steps we need to take as a community.

9:00am – 9:45am S **JATS, BITS, STS: Keeping Things in a 'Family' and Backward Compatibility** *Baltimore Theatre Room*
Moderators: Robert Wheeler
Speakers: Jeff Beck, Tommie Usdin
Collaborative Note Document: http://bit.ly/NISOPlus_JATS_BITS_STS

XML users are choosing to adopt existing public models instead of building bespoke models, and groups of users are building new community models by extending existing models. Users expect to realize significant benefits when they base a model on an existing, supported public model, including the ability to intermingle the documents in databases, to use tools created for the existing model for their new vocabulary with minimal additional work, and to adopt rendering/formatting applications and change only those aspects specific to the new vocabulary. Based on our experience with JATS, BITS, and STS, we believe that these benefits are within reach, but only if some discipline is applied to the development and growth of the vocabularies.

9:00am – 9:45am R **KBART Phase 3: Can KBART Evolve to Meet the Ever-Changing E-Resources Landscape?** *Calvert Ballroom Salon E*
Moderators: Ryan Bernier
Speakers: Andrée Rathemacher, Christine Stohn, Ben Johnson, Stephanie Doellinger, Noah Levin, Sheri Meares
Collaborative Note Document: http://bit.ly/NISOPlus_KBART_Phase3

This is an interactive session! If you are involved in e-resources management or discovery from the point of view of a publisher, knowledge base vendor, or library then this session is for you!

- If a library buys an article, and it isn't discoverable, does it really exist? How can rights be properly attributed to part-of-whole items (articles, chapters, episodes, etc.)? Can this be done through KBART? Should it be?
- The community has asked for XML as a format for KBART delivery. What problems are you trying to resolve by implementing XML?

9:00am – 9:45am U **Digital Humanities and Standards** *Calvert Ballroom Salon B*
Moderators: Gregory Grazevich
Speakers: Daniel Fisher, Michelle Urberg
Collaborative Note Document: http://bit.ly/NISOPlus_Digital_Humanities_Standards

This session will examine the role of standards in the complicated world of digital humanities, and take a look at what new opportunities there are to help scholars in the field.

| 10:00am – 10:30am | N | **Information Privacy (Conversation)** | International Room |

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Moderators: Robert Wheeler — Baltimore Theatre Room
Speakers: Jeff Beck, Tommie Usdin
Collaborative Note Document: http://bit.ly/NISOPlus_JATS_BITS_STS

Backward compatibility is an ongoing challenge in the information world and elsewhere. It's something that we take very seriously, and in this session you can learn how it's been implemented in recent NISO standards and recommendations.

| 10:00am – 10:30am | U | **Digital Humanities and Standards (Conversation)** | Calvert Ballroom Salon B |

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| 10:30am – 11:00am | A | **Networking Break** | Calvert C & Baltimore Theater Foyers |

| 11:00am – 11:45am | N | **Beyond Altmetrics** | International Room |

Moderators: Michael Habib
Speakers: Ann Michael, Adrian Stanley
Collaborative Note Document: http://bit.ly/NISOPlus_Beyond_Altmetrics

First came "traditional" metrics - bibliometric measures of research impact based on citations, like the Journal Impact Factor. Then came altmetrics, which use social media and other online tools and services to measure impact. What's next in the world of information metrics? Our experts will share their views and invite you to share yours!

| 11:00am – 11:45am | S | **Economics of Information — Funding, Sustainability, Stakeholders** | Baltimore Theatre Room |

Moderators: Rhonda Ross
Speakers: Keith Webster
Collaborative Note Document: http://bit.ly/NISOPlus_Economics_Of_Info

How do the economics of information work? Who is paying for what, how, and why? How has this shifted in recent years and how is it likely to change in the future? This session will consider these and other important questions about our industry's future sustainability.

| 11:00am – 11:45am | R | **Repositories — What Can Repositories Learn from Publishers, and What Can Publishers Learn from Repositories?** |

Calvert Ballroom Salon E
Moderators: Wayne Strickland
Speakers: Angela Cochran, Michele Mennielli
Collaborative Note Document: http://bit.ly/NISOPlus_Repositories_Publishers

Publishers and repositories have much in common — but also many differences. What can each community learn from the other? Are there opportunities for more collaboration and, if so, what might those look like? Join our panel of speakers from both communities to learn more and share your thoughts on the topic.

11:00am – 12:30pm	U	**Standards Project Updates (3) — Content Platform Migration, Criteria for Indexes, E-Book Metadata**

Moderators: Greg Suprock   Calvert Ballroom Salon B

Speakers: Ravit H. David, Jill Annitto, Athena Hoeppner, Kimberly Steinle, Alistair Morrison

Collaborative Document: http://bit.ly/NISOPlus_StndrdsUpdte3_ContPlMig_CritIndx__eBookMeta

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12:00pm – 12:30pm	N	**Beyond Altmetrics (Conversation)**

Moderators: Michael Habib   International Room

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Publishers and repositories have much in common — but also many differences. What can each community learn from the other? Are there opportunities for more collaboration and, if so, what might those look like? Join our panel of speakers from both communities to learn more and share your thoughts on the topic.

12:30pm – 1:30pm	A	**Lunch and NISO Awards**	Calvert Ballroom Salon C

1:30pm – 2:15pm	N	**Product Management in the Information Economy**

International Room

Moderators: Chris Shillum

Speakers: Patricia Brennan, Tom Demeranville

Collaborative Note Document: http://bit.ly/NISOPlus_ProjMngmt_InfoEcnmy

The skills necessary to be a great product manager — such as understanding user needs, how to balance user input with technical limitations, and how to position new services in relation to old ones — are equally relevant to those working in the information industry as any other. Our speakers will share their views of what it means to be a great product manager in our community, and how you can best respond to the changing (and sometimes conflicting) needs of researchers, academics, students, and their organizations.

1:30pm – 2:15pm	S	**Discovery and Building Better Search — A Vendor and Librarian Discussion**

Baltimore Theatre Room

Moderators: Peter Simon

Speakers: Judith Russell, Jake Zarnegar

Collaborative Note Document: http://bit.ly/NISOPlus_Discovery_Building_Better_Search

Helping researchers quickly and easily find the information they need is equally important to librarians and to their service providers. How do they currently work together to achieve the best results? Is there room for improvement? What changes might we see in the coming years? Join this discussion to find out — and share your own views!

| 1:30pm – 2:15pm | U | **Preservation and Archiving of Digital Media** | Calvert Ballroom Salon B |

Moderators: Wendy Queen

Speakers: Leslie Johnston, Clifford B. Anderson

Collaborative Note Document: http://bit.ly/NISOPlus_Preserv_Archv_DigMed

As more and more research and scholarship is digitally created and disseminated, long-term preservation becomes increasingly challenging for archives, libraries, and other memory organizations. This session provides an update on some of the key challenges and solutions.

| 2:15pm – 2:30pm | N | **Product Management in the Information Economy (Conversation)** | International Room |

Moderators: Chris Shillum

Speakers: Patricia Brennan, Tom Demeranville

Collaborative Note Document: http://bit.ly/NISOPlus_ProjMngmt_InfoEcnmy

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| 2:15pm – 2:45pm | A | **Refreshments** | Calvert C & Baltimore Theater Foyers |

| 2:45pm – 4:00pm | A | **Closing Keynote and Conference Wrap-up** | Calvert Ballroom Salon C |

Speakers: danah boyd

Collaborative Document: http://bit.ly/NISOPlus_Closing_Keynote