80th Annual Meeting

Diversity of Engagement 2017

Connecting people and information in the physical and virtual worlds

80th Annual Meeting of the Association for Information Science and Technology

For more information, visit www.asist.org/AM17

Oct. 27 - Nov. 1, 2017

Washington, DC
The Annual Meeting of the Association for Information Science and Technology is the premier international conference dedicated to the study of information, people, and technology in contemporary society. The meeting gathers leading professionals and faculty from around the globe to share innovations, ideas, research, and insights regarding how information and technology mediate the creation and use of knowledge within and across cultures.

The theme of the ASIS&T 2017 Annual Meeting is focused on the diverse ways in which people from different backgrounds, cultures, and disciplines forge connections with each other, discover and use information, and engage with technology.

The educational sessions push the boundaries of information studies, exploring core concepts and ideas, and creating new technological and conceptual configurations — all situated in interdisciplinary discourses.

**THIS YEAR, WE WILL BE EXPLORING:**

<table>
<thead>
<tr>
<th>Social Media</th>
<th>Digital Youth</th>
<th>Information Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bibliometrics &amp; Altmetrics</td>
<td>Diversity &amp; International Information</td>
<td>Scientific Information</td>
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<tr>
<td>Big Data &amp; Information Organization</td>
<td>Health Informatics</td>
<td>Serendipity &amp; Information Encountering</td>
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<tr>
<td>Community Informatics</td>
<td>Human-Computer Interaction</td>
<td>Social Media</td>
</tr>
<tr>
<td>Digital Humanities, Archives &amp; Libraries</td>
<td>Information Behavior</td>
<td>Trust &amp; Information Ethics</td>
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<td></td>
<td>Information Retrieval</td>
<td>User Experience &amp; Analytics</td>
</tr>
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</table>

**Why Attend:**

- Broaden your knowledge about the latest trends and research in information science.
- Network and collaborate with your peers who are passionate about information science.
- Establish and expand on mentoring opportunities.

**Who Should Attend:**

ASIS&T’s Annual Meeting is an essential event for information science professionals.

It’s ideal for:

- Information science professionals
- Faculty
- Students
- Researchers

**2017 Annual Meeting Program Committee:**

**Conference Co-Chairs**

Sanda Erdelez, University of Missouri, USA
Naresh Agarwal, Simmons College, USA

**Paper Co-Chairs**

Sam Chu, The University of Hong Kong, Hong Kong
Mega Subramaniam, University of Maryland, USA

**Panel & Workshop Co-Chairs**

Dania Bilal, The University of Tennessee, Knoxville, USA
Nouf Khashman, Qatar National Library, Qatar

**Visual Presentation Co-Chairs**

Kanwal Ameen, University of the Punjab, Pakistan
Kyungwon Koh, University of Oklahoma, USA
Richard Marks, Ph.D. is Research Fellow and Head of the PlayStation Magic Lab at Sony Interactive Entertainment. Magic Lab, which sits under the Research & Development group, was founded by Marks to push the boundaries of play by investigating how technology can be used to create new entertainment experiences. Marks joined PlayStation in 1999 to investigate the use of live video input for gaming and develop new interactive user experiences. He helped create the EyeToy and PlayStation Eye cameras and the PlayStation Move controller. Most recently, Marks and his team at Magic Lab have been involved with PlayStation VR.

Marks received a Bachelor of Science in Avionics from Massachusetts Institute of Technology and a doctorate in the field of underwater robotics from Stanford University.

SESSION: Playing with Reality

Real-time display and interaction technologies have advanced at a tremendous rate in recent years, allowing us to create, explore, and interact with a wide range of virtual worlds and characters. This presentation briefly examines past developments in these areas that have led to the recent introduction of consumer-level virtual reality. It focuses on state-of-the-art interaction technologies in virtual reality related to locomotion and manipulation as well as social interaction with avatars and virtual agents. In addition, it highlights several near-term relevant technologies such as foveated rendering and eye-tracking for intent context. Finally, it explores future trends related to how these virtual worlds are becoming persistent and are beginning to extend out into the real world through mixed reality. The presentation will conclude with a live demo of recent virtual reality research related to interaction with virtual agents.


He is currently at the Laboratory for Social Machines at the MIT Media Lab where he’s developing new technologies for journalism, governance and the public sphere.

A former Washington Post staff writer, he is a two-time winner of the National Press Club’s Rowse Award for best American media commentary. He has been a keynote speaker at South By Southwest, the Aspen Ideas Festival and many other conferences and organizations. He is married to writer Martha Sherrill and they live in Massachusetts with their son.

SESSION: Technology as Humanism: The Next Digital Frontier

Over the last several decades, digital technologies have connected billions of people in astonishing new ways. Now there is a growing realization that connectedness alone is not the point. A longtime obsession with technological means is giving way to a new focus on ends. What’s the point of digital connectedness? Is it serving human needs and aspirations, or undermining them? Drawing on his book Hamlet’s BlackBerry and his current work at the MIT Media Lab, William Powers will discuss the rise of “technological humanism” and what it means for the future.
## Pre-Conference Workshops

**Friday, October 27**

**Workshops**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:00 AM – 5:00 PM</td>
<td>Metrics 2017: Workshop on Informetric and Scientometric Research (SIG/MET)</td>
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<tr>
<td>1:30 PM – 5:30 PM</td>
<td>Practical Taxonomy Creation</td>
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<td></td>
<td>Conducting Successful Research: From Problem Identification to Research and From Outcome to Translation in the Field of Information</td>
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**Saturday, October 28**

**Workshops**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:30 AM – 12:30 PM</td>
<td>Information and Learning Sciences Research as an Integral Scholarly Nexus (SIG/INFOLEARN)</td>
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<td>The Social Informatics of Knowledge (SIG/SI Research Symposium)</td>
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<td>The New Information State: How Information Ethics and Policy Affects Everyone</td>
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<td>Deep Text Analytics: What Is It and What Can It do for You?</td>
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## Conference Sessions and Other Events

**Saturday, October 28**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>9:00 AM – 10:00 AM</td>
<td>Budget &amp; Finance Committee Meeting</td>
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<tr>
<td>10:00 AM – 5:00 PM</td>
<td>Board of Directors Meeting</td>
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<tr>
<td>2:00 PM – 6:00 PM</td>
<td>Tour of National Archives or Library of Congress (Reservations Required)</td>
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<tr>
<td>5:00 PM – 7:00 PM</td>
<td>Women Leaders Happy Hour</td>
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**Sunday, October 29**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30 AM – 8:30 AM</td>
<td>New Leaders Coffee (Invitation Only)</td>
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<tr>
<td>8:30 AM – 10:00 AM</td>
<td>SIG Cabinet Meeting</td>
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<tr>
<td>10:30 AM – 11:30 AM</td>
<td>Chapter Assembly Meeting</td>
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<tr>
<td>10:30 AM – 11:30 PM</td>
<td>Student Design Competition Kick-Off (Students Only)</td>
</tr>
<tr>
<td>11:30 AM – 1:00 PM</td>
<td>New Member and First Conference Brunch (Invitation Only)</td>
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<tr>
<td>1:00 PM – 2:30 PM</td>
<td>Welcome and Opening Plenary: Richard Marks • Playing with Reality</td>
</tr>
<tr>
<td>3:00 PM – 4:30 PM</td>
<td>Panels and Papers</td>
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<tr>
<td>5:00 PM – 6:30 PM</td>
<td>Panels and Papers</td>
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<tr>
<td>5:00 PM – 6:30 PM</td>
<td>ASIS&amp;T Leadership Program</td>
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### SCHEDULE-AT-A-GLANCE

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>6:30 PM – 8:00 PM</td>
<td>80th Anniversary Celebration</td>
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<tr>
<td>8:00 PM – 9:00 PM</td>
<td>Past Presidents Reception (Invitation Only)</td>
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<tr>
<td>9:00 PM – 9:30 PM</td>
<td>Student Reception (Students Only)</td>
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<tr>
<td>9:30 PM – 11:30 PM</td>
<td>Party with the Professors</td>
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#### MONDAY, OCTOBER 30

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 AM – 9:30 AM</td>
<td>JASIST Editorial Board Meeting (Invitation only)</td>
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<tr>
<td>8:30 AM – 10:00 AM</td>
<td>Panels and Papers</td>
</tr>
<tr>
<td>10:30 AM – 12:00 PM</td>
<td>Panels and Papers</td>
</tr>
<tr>
<td>12:00 PM – 1:30 PM</td>
<td>Awards &amp; Honors Committee Meeting</td>
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<tr>
<td>1:00 PM – 3:00 PM</td>
<td>Panels and Papers</td>
</tr>
<tr>
<td>3:30 PM – 5:00 PM</td>
<td>Annual Meeting Program Committee Meeting</td>
</tr>
<tr>
<td>5:30 PM – 11:30 PM</td>
<td>President’s Reception – Featuring Visual Presentations Including Posters</td>
</tr>
<tr>
<td>6:30 PM – 8:00 PM</td>
<td>Panels and Papers</td>
</tr>
<tr>
<td>8:00 PM – 10:00 PM</td>
<td>International Relations Committee Meeting</td>
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#### TUESDAY, OCTOBER 31

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:30 AM – 10:00 AM</td>
<td>Panels and Papers</td>
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<tr>
<td>8:30 AM – 10:00 AM</td>
<td>Doctoral Colloquium</td>
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<tr>
<td>10:30 AM – 11:30 AM</td>
<td>Plenary: William Powers • The Next Digital Frontier</td>
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<tr>
<td>11:30 AM – 12:00 PM</td>
<td>Book Signing</td>
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<tr>
<td>12:30 PM – 2:00 PM</td>
<td>Panels and Papers</td>
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<tr>
<td>12:00 PM – 4:00 PM</td>
<td>Doctoral Colloquium</td>
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<tr>
<td>2:00 PM – 3:00 PM</td>
<td>Alumni Tea</td>
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<tr>
<td>3:00 PM – 4:30 PM</td>
<td>Panels and Papers</td>
</tr>
<tr>
<td>4:30 PM – 6:30 PM</td>
<td>ASIS&amp;T Annual Business Meeting</td>
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<td>7:00 PM – 9:00 PM</td>
<td>SIG CON</td>
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#### WEDNESDAY, NOVEMBER 1

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:30 AM – 10:00 AM</td>
<td>Panels and Papers</td>
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</tr>
<tr>
<td>12:00 PM – 2:00 PM</td>
<td>Awards Luncheon</td>
</tr>
<tr>
<td>2:00 PM – 6:00 PM</td>
<td>Board of Directors Meeting</td>
</tr>
<tr>
<td>2:30 PM – 6:00 PM</td>
<td>Tour of Nation Archives (Reservations Required)</td>
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</table>
Relax in the heart of it all at Hyatt Regency Crystal City. This hotel is perfectly positioned for easy access to Virginia and the entire DC-metro area. Enjoy a complimentary shuttle to the airport and easy access to Metro transportation. Wired and wireless standard internet is complimentary in all guest rooms.

A block of rooms has been reserved for October 27 – November 1, 2017. The special room rate of $119 plus taxes will be available until October 6 or until the group block is sold out, whichever comes first.

Group Name: 2017 ASIS&T Annual Meeting
Call: Central reservations at 1-703-418-1234
Book online: www.aws.passkey.com/go/ASISTConference2017

Monuments and memorials, eclectic neighborhoods, true local flavor – Washington, DC is a place unlike any other. It’s your home away from home with free museums and America’s front yard.

It’s easy to ride the Metro and explore all that DC has to offer. Walk the halls of Smithsonian museums, paddle on the Potomac River or sit back on a double-decker tour bus and soak up some history. Local shops, funky marketplaces and people-watching hot spots beckon by midday, as nighttime gives way to international dinners and drinks from local breweries.
FRIDAY, OCTOBER 27, 2017

9:00AM – 5:00PM

Metrics 2017: Workshop on Informetric and Scientometric Research (SIG/MET)
Timothy D. Bowman, Stefanie Haustein, and Neil Smalheiser

This full day workshop, sponsored by SIG/MET, is devoted to informetrics and scientometric research. The workshop will provide a forum for the presentation and discussion of research and applications including new theoretical approaches, indicators, and tools among young and established researchers, PhD students, information professionals and librarians active in the field of informetrics and scientometrics.

Practical Taxonomy Creation
Heather Hedden

Knowledge organization systems in general and taxonomies in particular are becoming increasingly important and common for organizing and retrieving information. Implementations include library systems, museum and archive systems, digital asset management systems, content management systems, document management systems, records management systems, web publishing, and data analysis. Through this workshop, information science & technology professionals can go beyond a basic understanding about taxonomies and learn the practical aspects of designing and creating taxonomies and thesauri so that they can take on or manage a taxonomy development project. Standards and best practices are important, but do not cover every situation, and there are numerous occasions when different factors need to be considered in making decisions in designing and creating taxonomies. This workshop provides guidance in making those decisions and includes exercises on creating terms and relations, as well as live demonstrations of several taxonomy management software products.

1:30 PM – 5:30 pm

Conducting Successful Research: From Problem Identification to Research and From Outcome to Translation in the Field of Information
Sam K.W. Chu, Javed Mostafa, Caroline Haythornthwaite, and Hong Huang

To survive and thrive as a researcher or professorial staff, we need to be productive in our research, and able to publish in high quality conference proceedings and key academic journals. Universities worldwide are now emphasizing the societal impact of academic research. In order to be successful, productive, and influential in their research, it is usually necessary for researchers to know how to propose important research questions, be creative and innovative in seeking research grants, carry out research strategically, write up research results rigorously, and translate research outcomes into a real-world solution. Presenters in this workshop will share their secrets of success in becoming productive, innovative, and/or effective researchers. Apart from learning the theories and ideas for achieving these various outstanding traits of success in research, participants in this workshop will learn how they may upgrade their conference papers into journal articles (e.g., from an ASIS&T paper into a JASIST article). Participants will also have a chance to join a mentorship scheme in which experienced researchers, who have published in JASIST (or other top journals), will work with one or more participants to upgrade their conference papers into highly-ranked journals (For details, see https://goo.gl/X9yQNB).
Building a Research Agenda for Multi-Perspective Knowledge Representation (SIG/CR)
Barbara H. Kwasnik, Lala Hayjibayova, Robert Montoya, Laura Ridenour, and Maayan Zhitomirsky-Geffet

This workshop will leverage the experience and expertise of SIG/CR to identify, define, and compile a set of principles and practices for integrating and coordinating knowledge-representation schemes from different perspectives, and for application in a variety of contexts without losing the integrity or personality of the contributing schemes. The workshop will comprise two parts. Part 1 will lay the conceptual framework for building multi-dimensional, multi-perspective, and multi-viewpoint knowledge representation structures. Part 2 will involve participants in identifying issues in multi-dimensional, multi-perspective, and multi-viewpoint knowledge structures.

The issues and examples presented in Part 1 will serve as a framework to proceed to practical collaboration. We will identify particular “views” or “dimensions” of knowledge representation with respect to space, population type, and culture (local vs. global, individual vs. community/society views), time (diachronic vs. synchronic, contemporary vs. historical view), opinion and authority (expert vs. crowds, viewpoint-dependent vs. consensual, subjective vs. objective views), and scope (intra-disciplinary vs. inter-disciplinary). These could be used to represent, for instance, non-Western world views and knowledge structures, or the perspectives of people with disabilities, or the pedagogical perspective. The exercise will serve to bring to the fore the particular problems inherent in attempting to design such multidimensional classification scheme.

Information and Learning Sciences Research as an Integral Scholarly Nexus (SIG/INFOLEARN)
Rebecca Reynolds and Soo Young Rieh

Researchers in both information and learning sciences aim to reach a deeper understanding of the cognitive and social processes among human actors facilitating inquiry, information-seeking and uses, learning, knowledge co-construction, and productivity. Researchers within both fields aim to advance theories, as well as improve learning system and/or information system design and effectiveness, towards fulfilling human-driven purposes. A primary goal of this proposed Workshop is to present several cross-disciplinary scholars’ perspectives on key research occurring in the Learning Sciences that may be of interest to the information science research community. SIG/INFOLEARN has the potential to play an integral role in offering opportunities for interaction among those who do work in these cross-disciplines. A pre-conference Workshop is key to solidifying these endeavors, especially in the SIG’s inaugural year.
The Social Informatics of Knowledge (SIG/SI Research Symposium)
Kalpana Shankar and Eric Meyer
The purpose of this ASIS&T half-day pre-conference workshop is to disseminate current research and research in progress that investigate the ways in which our uses of information and technologies improve our knowledge about the world. Submissions may include empirical, critical, conceptual, and theoretical work, as well as richly described practice cases and demonstrations. Papers submitted to the workshop will also be given feedback for potential submission to a planned special issue of the Journal of the Association for Information Science and Technology on the workshop theme “The Social Informatics of Knowledge”.

The New Information State: How Information Ethics and Policy Affects Everyone
Shannon Oltmann, Emad Khazraee, Emily Knox, and A.J. Million
In today’s milieu of fake news, misinformation, and generalized distrust of institutions, information ethics and policy affects everyone across different information science research areas. In this workshop, we will analyze these changes to the informational state and discuss how we can address them through three themes: pedagogy for information ethics and policy, engagement with policymakers, and information ethics and policy across information science. Workshop participants are encouraged to participate in a variety of ways and will leave the workshop with tangible products that can be used in research and teaching.

Knowledge Books - Living Knowledge and Active Learning (SIG/KM)
Denise Bedford, Alexis Garcia-Perez, and Jean-Francois Tendron
This full-day workshop focuses on a method for capturing and representing expert knowledge which has been successful in Europe and Asia, but was only recently introduced to the United States. Jean-Louis Ermine’s MASK methodology leverages knowledge elicitation, knowledge modeling and representation, and knowledge architecture to capture expertise around a focused topic to produce a Knowledge Book. Knowledge Books are designed for interactive independent learning by novices and for easy on-going updates over time. The workshop will introduce the participants to the rationale behind the methodology, and the six models that serve as the foundation for a Knowledge Book. Participants will walk through the construction of a knowledge book during the workshop, and will receive templates for building additional knowledge books in the future.
Framing Inclusion and Exclusion in Information Behavior Research and Practice
(SIG/USE Research Symposium)
Leslie Thomson, Chi Young Oh, Stan Karanasios

The SIG/USE Research Symposium focuses on the theme of inclusion and exclusion. This theme acknowledges that advances in information and communication technology—such as the Internet, social media, and mobile devices—have afforded individuals and communities new ways of connecting with one another and of accessing vast quantities of information, but that many individuals and groups still remain at the periphery of the information society. These groups include, but are not limited to, older persons, geographically or socially isolated persons, migrant persons, disabled persons, and economically disadvantaged and displaced persons, who are often considered at-risk and vulnerable. While some scholars have considered these populations and their information behavior and practices (e.g. Fisher et al., 2017; Jaeger et al., 2015; Pang et al., 2016), the aims of this Symposium are to strengthen and build the community of scholars and information professionals who critically consider issues related to inclusion and exclusion in their work. It also aims to provide an opportunity for scholars and professionals to reflect and gain feedback on ongoing work, to take in new perspectives, and to engage in theoretical debates.

Research, Fast and Slow
Nicholas Weber, Peter Organisciak, and Andrea Thomer

It is widely acknowledged that generating quality research questions, doing thorough data analysis, and writing clear prose requires time. Lots of time. But, in practice, much research is completed in bursts of intense work over short periods of time. This workshop focuses on the craft of doing "rapid research" – quickly and collaboratively generating ideas, exploring data, and writing research reports. By convening a workshop to share ‘tricks of the trade’, we believe there is an opportunity to better navigate temporal constraints facing most research tasks. More generally, the workshop will provide collaborative teams the chance to explore curated data, generate hypotheses, and work towards the development of future research outputs. This is a workshop, above all else, focused on doing rather than presenting research.

Deep Text Analytics: What Is It and What Can It Do for You?
Tom Reamy

Text analytics (text mining, noun phrase extraction, auto-categorization, auto-summarization, and social media or sentiment analysis) is becoming essential to any field that utilizes or tries to understand unstructured text. To develop both practical applications and deeper research results requires the development of a text analytics platform that incorporates the integration of all of these techniques. The workshop, based on the recent book, Deep Text: Using Text Analytics to Overcome Information Overload, Get Real Value from Social Media, and Add Big(er) Text to Big Data, will take attendees through the entire process of creating a text analytics platform including: 1) the basic analytics techniques from deep learning/machine learning to sophisticated rule building and how to integrate them using a modular approach; 2) how to make the business case and what people and content resources are needed; 3) an evaluation process to select the right text analytics software for your organization; 4) an iterative development process that combines entity and fact extraction with categorization and sentiment analysis to add depth and intelligence to all the components; and 5) the range of types of applications that can be built with text analytics from advanced expertise applications to new uses of social media.
CONFERENCE SESSIONS

SUNDAY, OCTOBER 29, 2017

1:00 PM – 2:30 PM

Playing with Reality (Plenary)
Richard Marks

3:00 PM – 4:30 PM

Evolving Traditions: From ‘Documentation’ to ‘Information Science & Technology’
(80th Anniversary Invited Panel)
Panel: Kathryn La Barre, Colin Burke, Fidelia Ibekwe-SanJuan, and Robert Montoya

How International Is Your LIS/IS Program in the Global Higher Education Era?
Panel: Hsin-liang Chen, Tatjana Aparac-Jelusic, Ina Fourie, Sandra Hirsh, and Ruhua Huang

DIGITAL YOUTH (PAPERS)

Constructing Knowledge and Ignorance in the Social Information Worlds of Young Mothers
Devon Greyson, Heather O’Brien, and Jean Shoveller

“It Lives All Around Us”: Aspects of Data Literacy in Teens’ Lives
Leanne Bowler, Amelia Acker, Wei Jeng, and Yu Chi

Developing Young Children’s Technology-Based Communication Skills
Using iPads and Creation Apps: An Action Study
Monika Tavernier and Xiao Ho

COMMUNITY INFORMATICS (PAPERS)

Identifying the Reasons Contributing to Question Deletion in Educational Q&A
Manasa Rath, Chirag Shah, and Diane Floegel

Questioning Science with Science: The Evolution of the Vaccine Safety Movement
Kolina S. Koltai and Kenneth Fleischmann

De-Constructing the Co-Construction: Researcher Stance, the Nature of Data, and Community Building in an Online Participatory Platform to Create a Knowledge Repository
Samantha Kaplan, Annie Chen, and Rachel Carriere
SHORT PAPERS 1

The Effects of BeNetWise Program on Youth Media Literacy: A Mixed Methods Research
Kevin P.C. Cheng, Chun Kit Leung, Joanne C.Y. Mok, Jesus Alfonso D. Datu, Jana Patricia M. Valdez, Hong Huang, Kris Unsworth, Andy Chan, Cecilia Ng, and Sam K.W. Chu

Detecting Dietary Preference of Social Media Users in China via Sentiment Analysis
Qingqing Zhou and Chengzhi Zhang

Factors Influencing Faculty Attitudes Towards Open Access Institutional Repositories
Ahmet Meti Tmava and Shawne D. Miksa

Passive Information Behaviors While Grocery Shopping
Melissa G. Ocepek

Public Services or Private Gains: Motives Behind Participation on a Mobile Crowdsourcing Application in a Smart City
Chei Sian Lee, Dion Hoe-Lian Goh, Hamzah Osop, Sei-Ching Joanna Sin, and Yin Leng Theng

5:00 PM – 6:30 PM

Seeking Balance: Professional Development Needs of Information Science Faculty
Panel: Irene Lopatovska, Heather O’Brien, Abebe Rorissa, Martina Dragija Ivanovic, and Heidi Julien

In Between Data Sharing and Reuse: Shareability, Availability, and Reusability in Diverse Contexts
Panel: Wei Jeng, Ayoung Yoon, Renata Curty, and Angela P. Murillo

Knowledge Translation in Health Sciences

SERENDIPITY & INFORMATION ENCOUNTERING (PAPERS)

“A Process of Controlled Serendipity”: An Exploratory Study of Historians’ Experiences with Serendipity in the Virtual Environment
Kim Martin and Anabel Quan-Haase

After Serendipity Strikes: Creating Value from Encountered Information
Stephann Makri, Mina Ravem, and Dana McKay

Legal Information Acquisition by the Public: The Role of Personal and Environmental Factors
Sheila O’Hare and Sanda Erdelez
MONDAY, OCTOBER 30, 2017

8:30AM – 10:00AM

Information Literacy in an Era of Information Uncertainty
Panel: Heidi Julien, Noa Aharony, Louise Limberg, Kendra Albright, Ina Foure, and Jenny Bronstein

Navigating the Next Step: An Interactive Panel for Doctoral Students
Panel: Liz Hartnett, Rajesh Singh, Hassan Zamir, Naresh Agarwal, Sandra Erdelez, Darin Freeburg, Barbara H. Kwasnik, and Howard Rosenbaum

Incorporating Values Sensitive Design into Crowdsourcing Methodologies for Knowledge
Panel: Annie T. Chen, Samantha J. Kaplan, Pamella Lach, and Lu Xiao

Archaeological Perspectives in Information Science Collaboration
Panel: Isto Huvila, Michael Olsson, Ixchel M. Faniel, Marija Dalbello, and Costis Dallas

HEALTH INFORMATICS (PAPERS)

Is Ignorance Really Bliss?: Exploring the Interrelationships Among Information Avoidance, Health Literacy, and Health Justice
Beth St. Jean, Gagan Jindal, and Yuting Liao

Healthy Users’ Personal Health Information Management from Activity Trackers: The Perspective of Gym-Goers
Yuanyuan Feng, Kai Li, and Denise E. Agosto

Computational Content Analysis of Negative Tweets for Obesity, Diet, Diabetes, and Exercise
George Shaw, Jr. and Amir Karami

10:30AM – 12:00PM

Digital Literacy in the Era of Fake News: Key Roles for Information Professionals
Panel: Lynn Silipigni Connaway, Heidi Julien, Michael Seadle, and Alex Kasprak

Organizational and Institutional Work in Data Infrastructures
Panel: Kalpana Shankar and Kristin Eschenfelder

Teaching Information Science and Technology to the World? Practices, Challenges, and Visions
Panel: Xiao Hu, Bei Yu, Sue Alman, Allen Renear, and Toni Carbo
INFORMATION RETRIEVAL (PAPERS)

Search Successes and Failures in Query Segments and Search Tasks: A Field Study
Yiwei Wang, Jiqun Liu, Soumik Mandal, and Chirag Shah

An Exploration of Reasons for Query Reformulations
Eun Youp Rha, Wei Shi, and Nicholas J. Belkin

Evaluation of Features to Predict the Usefulness of Online Reviews
Heejun Kim and Jaime Arguello

SHORT PAPERS 2

Document Representation and Clustering Models for Bilingual Documents Clustering
Shutian Ma and Chengzhi Zhang

Electronic Commerce and Consumption: Semiotic Scenario and Information Architecture in Online Stores
Maria Aparecida Moura and Cássia Adriana Gomes

Evaluating Metadata Schema for Murals and Stone Cave Temples: Towards Digitizing Cultural Heritage
Xiao Hu, Jeremy Ng, Shengping Xia, and Ying Kiu Yonnie Fu

Web Search Selection Criteria for Foreign-Language Searchers
Victor K. Ondego and Anita Komlodi

Information Seeking Among Latinos in the Midwestern United States
Heather Moulaison Sandy and Denice Adkins

The Scholarly Discourse and Topical Interconnections within the Realm of Information Behavior Research
Rong Tang and Chaoqun Ni

1:30PM – 3:00PM

Tribute to Eugene Garfield
Panel: Judit Bar-Ilan, Katherine McCain, Henry Small, Howard D. White, Dietmar Wolfram, and Paul Wouters

Health Information Behavior Research with Marginalized Populations
Panel: Blake Hawkins, Kaitlin Costello, Tiffany Veinot, Amelia Gibson, and Devon Greyson

Standards and Best Practices Related to the Publication, Exchange, and Usage of Open Data
Panel: Marcia L. Zeng, Marjorie Hlava, Jane Greenberg, and Mark Needleman
BIBLIOMETRICS & ALTMETRICS (PAPERS)

Awareness and Usage of Altmetrics: A User Survey
Htet Htet Aung, Mojisola Erdt, and Yin-Leng Theng

Exploring Prestigious Citations Sourced from Top Universities Across Disciplines
Feiheng Luo, Aixin Sun, Mojisola Erdt, Aravind Sesagiri Raamkumar, and Yin-Leng Theng

Yet Another Method for Author Co-citation Analysis: A New Approach Based on Paragraph Similarity
Tsung-Ming Hsiao and Kuang-hua Chen

SOCIAL MEDIA (PAPERS)

On the Citation Advantage of Tweeted Papers at the Journal Level
Fei Shu and Stefanie Haustein

F#%@ That Noise: SoundCloud As (A-)Social Media?
Chris Hubbles, David W. McDonald, and Jin Ha Lee

Using Social Media in Formal Learning: Investigating Learning Strategies and Satisfaction
Quan Zhou, Chei Sian Lee, and Sei-Ching Joanna Sin

TUESDAY, OCTOBER 31, 2017

8:30AM – 10:00AM

Making A Case for Open Research: Implications for Reproducibility and Transparency
Panel: Heather Moulaison Sandy, Jenny Bossaller, John M. Budd, Edward M. Corrado, Erik Mitchell, Amy VanScoy, and Jevin D. West

Wearable Devices: Information Privacy, Policy, and User Behavior
Panel: Natalie Greene Taylor, Masooda Bashir, Ersin Dincelli, Loni Hagen, and Kristene Unsworth

HUMAN-COMPUTER INTERACTION (PAPERS)

Not Reinventing the “Reel”: Adaptation and Evaluation of an Existing Model for Digital Video Information Seeking
Dan Albertson and Melissa Johnston

Do Games Make A Difference in the Crowdsourcing of Mobile Content?
Dion Hoe-Lian Goh, Chei Sian Lee, Ei Pa Pa Pe-Than, and Alton Yeow Kuan Chua

Effects of a Visual Representation of Search Engine Results on Performance, User Experience, and Effort
Roberto González-Ibáñez, Verónica Proaño-Ríos, Gary Fuenzalida, and Gonzalo Martínez-Ramírez
10:30am – 11:30am

Technology as Humanism: The Next Digital Frontier (Plenary)
William Powers

12:30pm – 2:00pm

From Sensors to Sense-Making: Opportunities and Challenges for Information Science
Panel: Cathal Gurrin, Jacek Gwizdka, Hideo Joho, Chirag Shah, and Vivek Singh

TRUST & INFORMATION ETHICS (PAPERS)

Patient Portals and Human Values
Rachel N. Simons, Kenneth R. Fleischmann, Yan Zhang, Jin Gao, and Bo Xie

Human Values and Trust in Scientific Journals, the Mainstream Media, and Fake News
Nitin Verma, Kenneth R. Fleischmann, and Kolina S. Koltai

Trust in Qualitative Data Repositories
Rebecca D. Frank, Zui Chen, Erica Crawford, Kara Suzuka, and Elizabeth Yakel

TOP-RANKED PAPERS

Re(a)d Wedding: A Case Study Exploring Everyday Information Behaviors of the Transmedia Fan
Eric Forcier

Before Information Literacy [or, Who Am I, as a Subject-Of-(Information)-Need?]
Ron Day

Affordances and Constraints in the Online Identity Work of LGBTQ+ Individuals
Vanessa Kitzie

DIVERSITY & INTERNATIONAL INFORMATION (PAPERS)

On Shapes and Sizes: Measuring Diversity of Technological Engagement Through Digital Visitors and Residents Maps
John William Harvey, Erin Hood, and Lynn Silipigni Connaway

Investigating the Information Gaps in Refugee Integration
Olubukola Oduntan and Ian Ruthven

Assessing Technologies for Information Sharing in International Research Teams: Developing an Intercultural Heuristic Evaluation Tool
Wesley Stewart Ward and Lisa M. Given
3:00PM – 4:30PM

What Research and Theory Inspires IA/UX, and How Can this Change Behavior and Help Make a Political and Humanitarian Difference
Invited Panel: Joseph Busch, Dave Cooksey, Jeff Pass, Ren Pope, Stacy Surla, Thomas Vander Wal, Lisa Welchman, and Dan Willis

Engaging at the Margins: Theoretical and Philosophical Approaches to Social Justice
Panel: John M. Budd, Vanessa Kitzie, Marie L. Radford, and Gary P. Radford

DIGITAL HUMANITIES, ARCHIVES & LIBRARIES (PAPERS)

Katrina Fenlon

ERA 2.0: The National Archives New Framework for Electronic Records Preservation
Leslie Johnston

Toward an Understanding of Cross-Media Appeals for Readers’ Advisory
Jin Ha Lee, Travis Windleharth, and Hyerim Cho

SCIENTIFIC INFORMATION (PAPERS)

Two Views of the Data Documentation Initiative: Stakeholders, Collaboration, and Metadata Standards Creation
Rachel D. Williams, Kalpana Shankar, and Kristin Eschenfelder

Disciplinary Assessment of Scientific Content by Higher-Order Citation Mining
Mikel Bahn and Sergej Sizov

Critical Moments in Participatory Design: Engaging NASA Astrobiology Researchers via Scientometric Visualizations
Rich Gazan
WEDNESDAY, NOVEMBER 1, 2017
8:30AM – 10:00AM

Digital Liaisons Virtual Uncommons: Connecting Information and People in Order to Enhance Lives via Digital Librarianship
Panel: Christopher Cunningham, Virginia Dressler, Ekaterina Grguric, Alyson Gamble, and Nushrat Khan

Addressing Barriers to Engaging with Marginalized Communities: Advancing Research on Information, Communication, and Technologies for Development - ICTD
Panel: Denice Adkins, Rakesh Babu, Nicole Cooke, and Devendra Dilip Potnis

INFORMATION BEHAVIOR (PAPERS)
Investigating Relations of Information Seeking Outcomes to the Selection and Use of Information Sources
Shawon Sarkar, Yiwei Wang, and Chirag Shah

Does It Matter Which Search Engine Is Used? A User Study Using Post-Task Relevance Judgments
Sebastian Sünkler and Dirk Lewandowski

Fiction as Informative and Its Implications for Information Science Theory
Philip Doty and Ramona Broussard

USER EXPERIENCE & ANALYTICS (PAPERS)
Assessing the Implementation of Authentic, Client-Facing Student Projects in User Experience (UX) Education: Insights from Multiple Stakeholders
Craig MacDonald and Lillian Rozaklis

Viewed by Too Many or Viewed Too Little: Using Information Dissemination for Audience Segmentation
Jim Jansen, Soon-Gyo Jung, Joni Salminen, Jisun An, and Haewoon Kwak

Understanding and Modeling Behavior Patterns in Cross-Device Web Search
Shuguang Han, Daqing He, and Yu Chi
LearnSourcing: Is It Working or Failing, and Where to Go from Here?
Panel: Manasa Rath, Oleksanar Zakharchuk, Rich Gazan, Sanghee Oh, Chirag Shah, and Mega Subramaniam

Global Human Trafficking Seen through the Lens of Semantics and Text Analytics
Panel: Denise Bedford, Kyle M. Ballard, Jyldyz Bekbalaeva, and Thomas J. Hernandez

INFORMATION USE (PAPERS)
Identifying Structural Genre Conventions across Academic Web Documents for Information Use
Ma Cui-Chang and Cao Shu-Jin

Investigating Barriers to “Using Information” in Electronic Resources: A Study with e-Book Users
Devendra Dilip Potnis, Kanchan Deosthali, and Janine Pino

Role of Communication in Data Reuse
Ayoung Yoon

BIG DATA & INFORMATION ORGANIZATION (PAPERS)
Big Data, Big Metadata, and Quantitative Study of Science: A Workflow Model for Big Scientometrics
Sarah Bratt, Jeff Hemsley, Jian Qin, and Mark Costa

Tweets May Be Archived: Civic Engagement, Digital Preservation, and Obama White House Social Media Data
Amelia Acker and Adam Kriesberg

Agreeing to Disagree: Reconciling Conflicting Taxonomic Views Using a Logic-Based Approach
Yi-Yun Cheng, Nico Franz, Jodi Schneider, Shizhuo Yu, Thomas Rodenhausen, and Bertram Ludascher

STUDENT AWARD WINNING PAPERS
Investigating Information Creating and Informal Information Providing: A Grounded Theory Study of the Information Practices and Role of Serious YouTuber
(2017 Information Science 2017 Doctoral Dissertation Proposal Scholarship - Sponsored by Clarivate Analytics)
Leslie Thomson

A Provenance Research Study of Archaeological Curation (ProQuest 2017 Best Dissertation Award)
Sarah Alix Buchanan

Reading for your Life: The Impact of Reading and Writing During the Siege of Sarajevo
(Pratt Severn 2017 Best Student Research Paper Award)
Natalie Ornat
ALL SPEAKERS, PARTICIPANTS AND ATTENDEES MUST REGISTER. FOR COMPLETE REGISTRATION RULES AND INFORMATION, VISIT WWW.ASIST.ORG/AM17.

Two ways to register:

www.asist.org/am17

ASIS&T 2017 Annual Meeting
8555 16th St, Suite 850
Silver Spring, MD 20910

Send your completed registration form along with a check, money order or credit card information.

SPECIAL REGISTRATION RATES

Early registration rates: Early rates will be honored for all registrations received by midnight Friday, September 15, 2017. Regular rates apply if received after September 15, 2017.

DAILY RATES: If you cannot join us for the entire conference, take advantage of our special daily rates which are also available with early bird and ASIS&T member rates.

RETIREE RATES: Retiree rates are for ASIS&T retired members only.

STUDENT RATES: Student rates are available for both members and non-members.

CONFERENCE DAYS

Full conference registration includes access to all sessions beginning at 1:00pm on Sunday October 29, 2017 and running thru Wednesday, November 1, 2017. All social events listed in the program, unless otherwise noted, including the Awards Luncheon, are also included. Conference proceedings will be made available to all attendees.

Pre-conference Seminars and Workshops:

In addition to the regular educational sessions and social events scheduled October 29 – November 1, ASIS&T offers full and half-day professional education courses on Friday, October 27 and Saturday, October 28. Fees for these workshops are in addition to regular conference registration fees. You will receive a ticket for each workshop for which you register.

Cancellations and Refunds:

Cancellation and refund requests must be received in writing (email or fax) by Friday, September 22, 2017 and are subject to a $50 cancellation fee. Refunds will be issued in the same manner in which payment was made and may take up to four weeks after the conference ends.

Special Note to the Disabled:

ASIS&T is committed to ensuring that no one with a disability is excluded, denied services, segregated or otherwise treated differently from other conference attendees because of the absence of an auxiliary aid or service. If you are in need of such an aid or service, as outlined in the Americans with Disabilities Act, contact ASIS&T headquarters at 301-495-0900 or indicate items or services needed on the special needs line of the registration form. The Maryland Relay Services number for the hearing impaired is 1-800-735-2258.

ADDITIONAL INFORMATION

For more information about the conference or registration, contact ASIS&T:

Email: meetings@asist.org
Phone: 301-495-0900
Fax: 301-495-0810
Mail: ASIS&T, 8555 16th Street
     Suite 850
     Silver Spring, MD 20910

Updated information on the program and registration is available at the ASIS&T website:

www.asist.org/am17
Please visit the ASIS&T website at www.asist.org/am17 for complete registration information regarding the ASIS&T Annual Meeting.

Also, see Registration Information for ways to submit your registration.

- Mr.  - Ms.

First Name

Last Name

ASIS&T Member #

Nickname (Badge)

Your Organization

Mailing Address (for receipt)

City

State/Province

Zip/Postal Code

Country

Telephone

Fax

E-Mail

Address change?  First ASIS&T Meeting?

- Yes  - No

- Yes  - No

Dietary Needs?  Explain:

- Yes  - No

Note: Early registration rates available if registration form received by Friday, September 15, 2017. Cancellation deadline: Friday, September 22, 2017.

Refunds must be made in writing and are subject to a $50 cancellation fee. No refunds will be issued for requests received after Friday, September 22, 2017. Fees for seminars and additional Awards Luncheon are non-refundable.

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<th>MEMBERS</th>
<th>NON-MEMBERS**</th>
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*Registration Fees (U.S. Dollars)

1 - With proof of status. 2 - Retired rate is for ASIS&T retired members only.

ASIS&T Membership | $140 regular  | $40 student  | TOTAL FEES $ (U.S. Dollars)

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