



# *AIS Newsletter*

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# ASSOCIATION FOR INFORMATION SYSTEMS: SPECIAL INTEREST GROUP ON ACCOUNTING INFORMATION SYSTEMS (SIG ASYS)

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<http://sigasys.aisnet.org>

12th Annual Pre-ICIS Workshop on Accounting Information Systems

Saturday, December 12, 2020, 9:00 – 4:00 EST **(virtually)**

Held in conjunction with the International Conference on Information Systems

SIG ASYS cordially invites academics and practitioners from all over the world to present original research and/or to organize a panel discussion in the field of Accounting Information Systems (AIS). The workshop will focus on a wide range of topics and research methods at the intersection of accounting and information systems. The SIG ASYS Workshop will be held Virtually before the start of ICIS 2020.

Topics of interest include, but are not limited to:

- AIS integration
- AIS modelling
- Big data
- Blockchain technology
- Continuous auditing
- Crowdsourcing
- Data mining and business intelligence
- Design and implementation issues of AIS
- Evaluation, assessment and business value of AIS
- Forensic auditing
- Global AIS
- Information security management
- Information technology (IT) governance
- IT auditing
- Internal control and fraud
- Management control and AIS
- Risk assessment and enterprise risk management
- Social network and media
- eXtensible Business Reporting Language
- Security and privacy in accounting systems

Presentations include completed research papers, research-in-progress papers, and panel proposals. One best paper award will be announced at the workshop, and this paper, after meeting the required revisions, will be published in the *IJAIS* at the author's prerogative. The workshop chair is Tawei (David) Wang <[david.wang@depaul.edu](mailto:david.wang@depaul.edu)> and the program chair is Dan O'Leary <[oleary@usc.edu](mailto:oleary@usc.edu)>.

## **Call for Papers – *Intelligent Systems in Accounting, Finance and Management***

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This is a call for papers from artificial intelligence, cognitive systems and its applications, particularly with applications to accounting and business. All aspects of artificial intelligence are of interest, including emerging concerns with

- cognitive computing, cognitive knowledge acquisition, representing cognitive knowledge
- natural language and cognitive assistance
- Internet of Things,
- ontologies for AI,
- machine learning,
- knowledge from data, text, audio and video
- question answering,
- smart advisor applications,
- neural networks,
- knowledge representation and management,
- multiple agent models,
- real world applications,
- impact of AI systems in organizations,
- text mining,
- autonomous applications,
- autonomic systems, etc.

Researchers should submit their research for consideration to <https://mc.manuscriptcentral.com/isafm> . In order to be considered for the special issue, please submit your paper by **April 30**, but early papers are encouraged.

This workshop is sponsored by the special interest group of “Artificial and Cognitive Intelligence for Autonomic Applications.” For those interested, we expect to do a special issue of Wiley’s *Intelligent Systems in Accounting, Finance and Management*, which is indexed in Emerging Sources Citation Index (Clarivate Analytics), INSPEC (IET), SCOPUS (Elsevier), The DBLP Computer Science Bibliography (University of Trier), Web of Science (Clarivate Analytics), Google Scholar and other sources. The Scopus CiteScore was 4.1 for 2016-2019 and is 5.8 for 2017-2020.

# **JIS Workshop on Data Value Creation Research: Views from Industry Leaders and AIS Researchers**

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Co-sponsored by the AIS section of the AAA and the UW CISA

***Online - Thursday February 4, 11:00 am - 2:00 pm (Eastern Time Canada and US)***

Advance registration is required. The registration fee is \$50 but discounts are available as follows:

- 100% discount to students
- 100% discount to AAA AIS Section members and AAA SET Section members who are registered for the AIS/SET mid-year meeting.
- 50% discount to other AAA AIS Section members and AAA SET Section members, ISACA Toronto Chapter members, IIA Canada/Toronto Chapter members and CPA Canada members.

This workshop Qualifies for 3hrs of CPE credit.

For more information please visit: <https://uwaterloo.ca/uwaterloo-centre-for-information-system-assurance/news/data-value-creation-workshop-save-date-feb-4-2021>

Please send an email to [jeboritz@uwaterloo.ca](mailto:jeboritz@uwaterloo.ca) indicating your interest and we will send you the link to register. Please let us know if you are a member of one of the groups listed above so we can send you the proper code.

## ***Workshop Description and Objectives:***

The aim of this workshop is to bring together Accounting Information Systems (AIS) researchers, representatives from Statistics Canada, leading accounting firms, and accounting organizations to have a conversation on data value creation related challenges and research opportunities. We hope through the interaction to achieve the following objectives:

1. Provide an opportunity for representatives from Stats Canada to share with us the highlights of their research, listen to the challenges and opportunities that managers in charge of data analytics projects face, and learn from representatives of accounting organizations about the regulatory implications.
2. Provide an opportunity to researchers interested in these topics/ideas to start exploring the possibility of collaboration with practitioners on addressing these research questions.

3. Convert these research topics/ideas into a call for papers for a special section of JIS on the topic of data value creation in order to expand our understanding of this growing area of activity.

**Background:**

To paraphrase Solow's famous quip about the computer age (Solow, 1987): "You can see the data age everywhere, but in the productivity statistics." According to a report by Statistics Canada (2019) this is because data is not priced in our economy. This observation may come as a surprise to many researchers and professionals who for the last two decades have been observing the race among organizations to acquire data analytics talent and invest in data analytics related technology. Before we start talking about the data analytics paradox, should we start a conversation about data value creation? Should we start the conversation about such issues as the value adding proposition of analytics in auditing and the accounting view on data as an asset? Should we start examining the Business Value of Data?

**Format:**

- The workshop will be held Thursday, February 4, 11:00 am -2:00 pm (EST).
- It will be offered through the University of Waterloo over WebEx.
- Advance registration is required. Registration will open soon. Until the registration page is open please send us an [email](#) indicating your interest so that we have it in our records.
- The registration fee is \$50 but a 100% discount is available to students, and AAA AIS Section members and AAA SET Section members who are registered for the AIS/SET mid-year meeting. A 50% discount is available to other AAA AIS Section members and AAA SET Section members, ISACA Toronto Chapter members, IIA Canada/Toronto Chapter members and CPA Canada members.
- Please let us know if you are a member of one of the groups listed above so we can send you the proper registration code.
- This workshop qualifies for 3 hrs of CPE credit.

**Structure-Timeline of the Workshop:**

- Welcome – Efrim Boritz on behalf of UWCISA and JIS
- Introduction by Theo Stratopoulos (10 minutes)
- Presentations by industry speakers, including Q&A. (90 minutes)
- Break (10 minutes)
- Presentations by academics, including Q&A. (60 minutes)
- Closing panel discussion and Q&A (10 minutes)

**References**

Solow, R. M. (1987, July 12). We'd better watch out. *The New York Times*, 36.

Statistics Canada. (2019). *Measuring investment in data, databases and data science: Conceptual framework* (No. 13-605-X; p. 16). Statistics Canada.  
<https://www150.statcan.gc.ca/n1/pub/13-605-x/2019001/article/00008-eng.htm>

# **1<sup>st</sup> International Conference of the *Journal of Information Systems***

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**Conference Date: [March 25-26, 2021](#)**

The *Journal of Information Systems (JIS)* is the academic journal of the Accounting Information Systems (AIS) Section of the American Accounting Association. Its goal is to support, promote and advance accounting information systems knowledge. The primary criterion for publication in *JIS* is contribution to the accounting information systems, accounting and auditing domains by the application or understanding of information technology theory and practice.

This special issue conference is meant to encourage accounting information systems researchers around the world, especially outside the United States, to submit their original academic papers to *JIS*. More importantly, this special issue would like to highlight the unique institutional contexts in different countries and regions that can further our understanding of accounting information systems research.

Detailed program, travel and logistic information will be provided to conference participants and can be found on the conference website <https://www.ec.ccu.edu.tw/2020.JISC>.

## **Topics and Research Methodologies**

Papers addressing a wide range of issues related to accounting information systems and information technology will be considered. All research methodologies are welcome, including experimental, qualitative, field study, analytical, behavioral, archival and design science.

## ***JIS***

Papers accepted to the conference will receive a strong consideration for acceptance to *JIS*. Research teams are expected to improve their papers following the guidance from the reviewers and from the interactions at the conference. Recognition of the paper's inclusion at the conference will be noted if the paper ultimately reaches publication.

## **Deadlines**

**[September 30, 2020](#)**: Research papers due. Early submission encouraged.

**[December 31, 2020](#)**: Author notification.

**[March 25-26, 2021](#)**: International Conference of the *JIS*, National Chung Cheng University, Taiwan.

Resubmission deadline for revised papers TBD. Publication of accepted articles is tentatively scheduled for Fall 2021.

If you have any questions, please contact the co-editors of the special issue: Dr. Tawei (David) Wang, [david.wang@depaul.edu](mailto:david.wang@depaul.edu) or Professor Shi-Ming Huang, [smhuang@mis.ccu.edu.tw](mailto:smhuang@mis.ccu.edu.tw), or the *JIS* editorial office at [JIS@aaahq.org](mailto:JIS@aaahq.org).

## ***JIS* Ongoing Calls for Papers-Special Topics**

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*JIS* has kicked off a series of ongoing calls for papers in the following five areas:

1. **Call for Literature Review and/or Research Synthesis Papers (Editor: Adi Masli)**  
Literature reviews and syntheses are needed to provide snapshots of research streams for use by academics and practitioners and to help identify gaps in the research that need to be filled. For more information, please go to:  
<https://aaahq.org/Portals/0/documents/calls/2020/JIS/JISliterature.pdf?ver=2020-08-07-111721-003>
2. **Call for Methodology Research Papers (Editor: David A. Wood)** Research methods change over time as new methods are developed, old methods are “rediscovered”, and current methods are refined. In addition to new “methods,” within methods new tools are developed such as new scales for measuring items, new data sets, etc. The goal of this initiative is to inform the research community about new research methods created by the authors and/or to help novice researchers to learn how to appropriately use current or old methods. For more information, please go to:  
<https://aaahq.org/Portals/0/documents/calls/2020/JIS/JISmethodology.pdf?ver=2020-08-07-111721-517>
3. **Call for Innovative and Novel Datasets (Editors: Bruce Dehning & Jie Zhou)** *JIS* encourages authors to make their datasets available to the research community. Researchers with unique datasets can submit a paper describing the dataset to *JIS*. The dataset will be published as an online supplement to the article. The dataset does not need to be new. It can be from previously published work or currently being used for ongoing research. The goal of this initiative is to make innovative and novel datasets available to more researchers, while giving credit to the original creators of the datasets, and increasing the visibility of *JIS*. For more information, please go to:  
<https://aaahq.org/Portals/0/documents/calls/2020/JIS/JISinnovative.pdf?ver=2020-08-07-111721-003>
4. **Call for Descriptive Research for Theory Building (Editor: Mary Curtis).** There are many emerging or under-researched technologies, technological applications, and technical roles about which accounting academics know relatively little. The goal of this initiative is to inform the research community about technology, applications, roles, and processes related to the AIS domain. For more information, please go to:  
<https://aaahq.org/Portals/0/documents/calls/2020/JIS/JISDescriptive.pdf?ver=2020-08-07-111720-877>



5. **Call for Replication Research (Editor: Robert Pinsker).** *JIS* encourages replication research that either challenges “well accepted” findings with current data or research that strengthens the existing thought paradigm. For more information, please go to: <https://aaahq.org/Portals/0/documents/calls/2020/JIS/JISReplication.pdf?ver=2020-08-07-161146-193>

These calls for papers are ongoing. There is no due date, papers will be processed as they arrive. For more details, please contact the editors of each call.