

# SIGMIS ANNUAL REPORT JULY 2021 - JUNE 2022

Submitted by: **Cindy Riemenschneider SIG Chair**

## 1. Comment on the ways in which the SIG is a healthy and viable organization

We were able to have a hybrid conference in Atlanta, GA in June 2022. There were 17 face-to-face participants and 10 members participated virtually. We had 4 doctoral students participate in the day long doctoral consortium – 2 were face-to-face and 2 were virtual. We were pleased with the conference participation considering travel difficulties and the covid risks. We retain a core group of active and contributing members and a nucleus of strong and continuing programs. We have new members joining from Germany, the US, and South America.

In 2021, The DATA BASE for the Advances in Information Systems (our SIG publication) received **79** submissions from **24** different countries across the globe. A total of **25** manuscripts were accepted for publication, and **160** different reviewers assisted with the editorial process.

## 2. Describe your efforts related to Diversity, Equity, and Inclusion.

Doctoral student participants in the consortium were from the following countries: Germany, the United Kingdom, Peru, and Iran. We had a variety of virtual participants (both phd students and faculty) from different countries. The executive leadership team consists of individuals from Singapore, Bolivia, and the US.

Additionally, the 2022 conference leadership committee consisting of 9 people was very diverse with leaders from Mexico, Germany, Bolivia, Lebanon, and the US. Additionally, our gender diversity is strong as five of the nine committee positions for the conference are held by women.

## 3. Awards Given

### **SIGMIS Lifetime Achievement Award:**

This year the SIGMIS Lifetime Achievement award was presented to **Dr. Fred Niederman**, Shaughnessy Endowed Professor of Management at Saint Louis University, USA. This represents the fourth time the SIG has presented the award. The award was presented at our conference in June. The announcement has been posted to our website (see Appendix A).

### **SIGMIS Early Career Award:**

This award was not presented at the 2022 conference.

### **SIGMIS CPR Conference Awards:**

- **2022 Magid Igharia Outstanding Conference Paper of the Year Award Recipients**

Digital Nudging: A Systematic Literature Review and Future Research Directions”  
by Maximilian Valta, Johannes Menzel, Christian Maier, Katharina Pflügner,  
Marco Meier and Tim Weitzel (all from the University of Bamberg).

### **The DATABASE for Advances in Information Systems**

**Annual awards, Vol. 52.**

#### **Best Paper:**

Treiblmaier, H., Swan, M., De Filippi, P., Lacity, M., Hardjono, T., & Kim, H. (2021). What's Next in Blockchain Research? -An Identification of Key Topics Using a Multidisciplinary Perspective. *The DATABASE for Advances in Information System* <https://www.melanieswan.com/bio.htmls>, 52(1), 27-52. <https://doi.org/10.1145/3447934.3447938>

Horst Treiblmaier, Modul University Vienna, <https://www.modul.ac.at/study-programs/phd/doctorate-in-business-and-socioeconomic-sciences/academic-community/profiles/horst-treiblmaier>

Melanie Swan, Purdue University, <https://www.melanieswan.com/bio.html>

Primavera de Filippi, National Center of Scientific Research (CNRS) Harvard University, <https://cyber.harvard.edu/people/pdefilippi>

Mary Lacity, University of Arkansas, <https://walton.uark.edu/departments/information-systems/directory/uid/mclacity/name/Mary+Lacity/>

Thomas Hardjono, Massachusetts Institute of Technology, <https://hardjono.mit.edu/>

Henry Kim, York University, <https://schulich.yorku.ca/faculty/henry-m-kim/>

#### **Best Senior Editor:** Daniel Beimborn, University of Bamberg

The Senior Editor of the year is Dr. Daniel Beimborn. Daniel has been a stalwart supporter of the DATABASE for Advances in Information Systems for years and is also a valued member of the SIGMIS Computers and People Research group in Europe, a tradition from which the journal evolved and is strategically linked to its special interests in inclusion and workforce research. Daniel has handled challenging assignments with the utmost discernment, providing a mentoring approach and going beyond the call of duty in procuring thoughtful and consultative reviews from key thought leaders in the field for the jurying of important manuscripts to successful consultative conclusions.

#### **Best Reviewer:** Yevgen Bogodistov, Management Center Innsbruck (MCI), Austria

The best Reviewer is Yevgeni Bogodistov. Yevgeni has been that rare reviewer who goes not just the extra mile, but the extra two miles in his work supporting objective jurying of challenging submissions –

submissions that offer a substantial contribution, but require substantial crafting and revision. Yevgeni's service in support of bringing papers critical to our disciplinary discourse to print demonstrates his dedication to the objective and developmental nature of our review process at The DATA BASE for Advances in Information Systems.

**Runner-up to best reviewer:** Marko Sarstadt, Ludwig-Maximilians-University Munich  
Runner up for Best Reviewer is Marko Sarstadt. Long a friend to the journal and recently a focal Guest Editor on methodical topics related to structural equation modeling, Marko provides the sort of review expertise we prize when seeking developmental reviews. His reviewer advice always results in a vastly improved manuscript and this serves to advance the greater mission of the journal.

The editors-in-chief would like to thank all our senior editors, reviewers, and authors – without whom we could not produce the quality and innovation that our readership has come to expect. It is with much gratitude that we look forward to another year of *The DATABASE for Advances in Information Systems*.

#### **4. List significant papers on new areas that were published in proceedings**

*Artificial Intelligence in Mental Health: A Qualitative Expert Study on Sensible Application Scenarios and Future Directions*, (in person)

Authors: Lea Reis and Christian Maier

SIGMIS-CPR'22: Proceedings of the 2022 on Computers and People Research Conference  
June 2022

Note: Proceedings are forthcoming on ACM Digital Library.

*Employee Perception of Enforced Telework in the Context of the Covid-19 Pandemic*

Authors: Carolin Mattes, Florian J. Meier and Sven Laumer

SIGMIS-CPR'22: Proceedings of the 2022 on Computers and People Research Conference  
June 2022

Note: Proceedings are forthcoming on ACM Digital Library.

#### **5. Describe conference activity**

The 2022 conference was held in Atlanta, GA. This was the first in person conference in 3 years. It was wonderful to be face-to-face with colleagues from across the globe. Twenty-five papers were submitted (19 full papers and 6 research-in-progress papers) and 19 were accepted for the conference, a 76% acceptance rate. The final totals for the conference include 17 papers presented, 53 reviews and 40 authors.

The doctoral consortium consisted of 4 research in progress papers being presented by students with seven faculty mentors participating. We also had sponsorship from Prospect Press and support from the publishers for the conference and new initiatives for increasing the revenue stream and exposure of the SIG.

#### **6. Comment on special projects and non-conference programs that provided service to some part of your technical community**

**Research grant award: - was not awarded in 2021.**

**ICIS community involvement**

We co-sponsored the ICIS conference in December 2021, where we supported the best doctoral dissertation in information systems award and staffed a booth primarily to promote our publication, DATABASE. Cindy Riemenschneider attended and made a presentation at the doctoral consortium closing dinner. She focused on the benefits of participating in ACM SIGMIS-CPR in her presentation. Tom Stafford and Deb Armstrong staffed the booth for DATABASE and distributed hand sanitizers, answered questions about the publication, and enhanced visibility of DATABASE.

**7. A very brief summary of the key issues that SIG membership will have to deal with in the next 2-3 years.**

**Finances**

The funding model for SIGMIS-CPR may require additional resources through organizational sponsorships or possibly through other creative solutions. Considering the 2022 increase in the payment to the ACM offices for overhead, personnel, conference support, etc. and the modest revenue from the digital library, the current surplus of funds will not be sustainable. Over the last 6 years, the SIG implemented new initiatives and has wisely allocated funds to those initiatives increasing visibility, awards, and the impact factor for our newsletter. However, at some point the current investments will need to be used, at least in part, to enhance current revenue streams or create new ones. We currently have a good amount of funds available for continued investment, but in the long run this will need to be of concern to the SIG leadership. Creative solutions for conference venues may also need to be found.

**The DATABASE for Advances in Information Systems**

Our publication, The DATABASE for Advances in Information Systems, continues a concerted marketing campaign of research conference visibility focused on impact and intellectual innovation. We have distributed 4 issues regularly for many years and published 5 issues in 2021. Deborah Armstrong, Co-Editor in Chief, completed her term at the end of 2021. Co-Editor in Chief Tom Stafford will remain for 6 months in 2022 to assist K. D. Joshi as she transitions to her role of Co-Editor in Chief.

An ad-hoc committee will be formed in 2022 to determine if the newsletter could be published in an electronic format only. This could be a major cost savings for SIGMIS-CPR.

**Social Media and Communications:**

SIGMIS has a Facebook page (<https://www.facebook.com/acmsigmis>), a LinkedIn profile (<https://www.linkedin.com/groups/5148399>), and a Twitter account (<https://twitter.com/acmsigmis>).

We are forming a Communications Committee in 2022 to assist with increasing the visibility of the SIG.

**2022 SIGMIS Conference:**

We have begun the planning for the 2023 conference as a face-to-face conference in sunny Southern California, USA. Indira Guzman and Sam Zaza will serve as the conference co-chairs. The 2024 conference will be held in Waco, Texas at Baylor University. Using a university facility should decrease the expenses for the conference and allow the conference to bring in more revenue to the SIG. Cindy Riemenschneider will serve as one of the conference co-chairs for 2024.

## **Collaborations:**

Damien Joseph continues to provide excellent leadership of the in-cooperation program with other groups seeking our support relative to their conferences. It turns out there are a much larger number than expected of requests in this area and we want to redesign our approach. It takes some effort to evaluate each of these in detail and decide whether our support is warranted as well as how to generate more benefit to our members. It will be advantageous if we can exploit these connections for mutual advertisements of these conferences to our members and our CPR conference to their members.

SIGMIS was in cooperation with the following 11 conferences:

1. CHIRA '21 International Conference on Computer-Human Interaction Research and Application
2. CLOSER '21: International Conference on Cloud Computing and Service Science
3. CSEDU '21: International Conference on Computer Supported Education
4. DATA '21: International Conference on Data Science, Technology and Applications
5. ENASE '21: International Conference on Evaluation of Novel Approaches to Software Engineering
6. FEMIB '21: International Conference on Finance, Economics, Management, and IT Business
7. HEALFINF '21: International Conference on Health Informatics
8. ICE-B '21: International Conference on e-Business
9. ICEIS '21: International Conference on Enterprise Information Systems
10. ICIKS '21: International Conference on Information and knowledge Systems
11. ICIS '21: International Conference on Information Systems
12. SBSI '21: XVII Brazilian Symposium on Information Systems

We continue seeking out collaborations with AIS special interest groups particularly regarding leadership and diversity/inclusion. The strategy is to make focused events and activities of interest to ACM SIGMIS members available before or during all major MIS conferences – ICIS, HICSS, AMCIS, ECIS, and PACIS – as well as our own standalone conference. This is slower going than expected but I anticipate will continue to grow over the next few years.

## **Strategic Focus:**

We welcome for both the conference and publication a wide range of MIS topical areas including ethics, all aspects of work, and IS entrepreneurship. IS personnel issues continue to be a primary focus of our conference and newsletter, especially considering the prevalence of telework, the covid issues, and considerations of what IS work will be in the future.

Based on the direction of the executive committee, two new committees will be formed in 2022. These include a Research Portfolio Committee and a Communication Committee.

**Research Portfolio Committee** – This is a new committee. The purpose of this committee is to advocate, coordinate, and administer the various research and research awards of the SIG.

Specifically, the objectives of this committee are:

1. To conduct an active advocacy program to promote and support MIS research.
2. To provide advice and support in the planning of ACM SIGMIS CPR
3. To administer the annual ACM SIGMIS Research Grant
4. To administer the annual awards sponsored by ACM SIGMIS.

Damien Joseph is chairing this committee.

**Communication Committee** - This is a new committee. This committee aims to raise awareness and visibility of the ACM SIGMIS activities among the information systems community internationally in a consistent way. Specifically, the objectives of this committee are:

1. To develop a strategic communication plan and structure
2. To promote ACM SIGMIS activities through frequent and regular communication via digital channels, including social media.

Indira Guzman is chairing this committee.

#### **ELECTIONS:**

No elections were held as the following officers are continuing to serve through June 30, 2023:

Chair -- Cindy Riemenschneider, Baylor University, Texas, USA,

Vice Chair -- Damien Joseph, Nanyang Technological University, Singapore,

Treasurer – Indira Guzman, Trident University, California, USA

## Appendix A – Lifetime Achievement Award

### 2022 ACM SIGMIS CPR



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### ACM SIGMIS Lifetime Achievement Award

We are pleased to announce that **Dr. Fred Niederman**, Shaughnessy Endowed Professor of Management at Saint Louis University, is the recipient of the 2022 ACM SIGMIS CPR Lifetime Achievement Award.

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We are pleased to announce that Dr. Fred Niederman, Shaughnessy Endowed Professor of Management at Saint Louis University, is the recipient of the 2022 ACM SIGMIS CPR Lifetime Achievement Award. He was recognized as a Fellow of the Association for Information Systems in 2020 for outstanding contributions to the information systems discipline in terms of research, teaching, and service. He is currently serving as Editor in Chief for *Communication of AIS Journal*. He has served as Chair for the ACM special interest group on MIS (SIGMIS), Co-Program Chair for the International Conference on IS, and Preeminent Editorial Board member for *The DATA BASE for Advances in Information Systems*. His areas of research interest include: Philosophy of Science Applied to Information Systems, IT Computer Personnel, Ethics, Computer Mediated Group Systems, and Project Management.

Throughout his research career, Dr. Niederman has had 86 papers accepted by refereed journals (14 in "basket of 8" journals), 13 refereed book chapters, and 74 articles at refereed conferences. His work has been published in top journals, including *MIS Quarterly* (2), *Communications of ACM* (3), *Journal of AIS* (4), *Journal of Strategic Information Systems* (2), *Journal of MIS*, *Journal of Information Technology*, and *European Journal of Information Systems*, among others. His work has been downloaded more than eight thousand times from the AIS digital library and more than thirty thousand times from the ACM digital library.

His work on the co-evolution of IT worker skills and generations of technology platforms has been recognized as a "publication of the year" by AIS in 2015 and inaugural *Communications of AIS*, Paul Gray thought-provoking paper of the year in 2014. More recently, his 2019 paper with Salvatore T. March, "Broadening the Conceptualization of Theory in the Information Systems

Discipline: A Meta-Theory Approach," received the best paper award for *The Data Base for Advances in Information Systems*. He was the winning annual senior editor of the best JAIS paper of the year in 2016 and 2018.

Dr. Niederman has contributed to the IS field for more than 30 years. He has served as Senior Editor for *Journal of AIS*, Editorial Board Departmental Co-Editor for *Project Management Journal*, and Associate Editor for *Communications of AIS*, *Transactions on MIS*, *Journal of Global Information Systems*, *Journal of International Management*, and *Human Resource Management*. He has also served as the first official "facilitator" for the AIS College of Senior Scholars and was elected to the "circle of compadres" for the KPMG Ph.D. Project serving to bring more minority scholars into MIS academia. Dr. Niederman has taught more than 3000 students in more than 120 delivered courses. Additionally, he has served as organizer of the Magid Igbaria conference paper award, ACM SIGMIS lifetime and emerging scholar awards, and initiator of the annual research grants program with ACM SIGMIS.