62nd Annual International Conference

October 5 - 8, 2022

Conference Program

Conference Theme:
Digital Transformation & Disruptive Technologies
Welcome

This is our 62nd annual international conference and we are happy to meet with you and network in person again at the Golden Nugget in Las Vegas Nevada. Given that this is our first year back in person after 3 years of virtual conferences, we also offered an asynchronous option for presenters, targeting doctoral students and recent graduates who may not have the funding for travel.

This year’s theme for IACIS 2022, Digital Transformation and Disruptive Technologies, generated significant interest by authors for full papers, panels, and presentations. Topics range from 3D printing, 5G and improved connectivity, additive manufacturing, agile development, artificial intelligence and machine learning, automation and robotics, blockchain or hyperledger, cyber security advances, edge computing, headless tech, IoT connected devices, open APIs and microservices, the rise of “As-a-Service” computing, the work-from-home (WFH) revolution, virtual and augmented reality, and more.

Participation in the IACIS conference provides added benefits. All submissions undergo a peer reviewed process. High-ranking research and pedagogy full papers are selected for presentation at the IACIS conference and published in, Issues in Information Systems (IIS) and accessed at IACIS.org. IIS is an open access refereed, serial journal publication of IACIS that is registered with the U.S. Library of Congress (ISSN 1529-7314) and listed in the current Edition of Cabell's Directory of Publishing Opportunities in Management and Marketing, DOAJ, URICHWS Web, and The Index of Information Systems Journals. Additionally, all paid registrants will receive a subscription to our flagship journal, The Journal of Computer Information Systems, available at: https://www.tandfonline.com/toc/ucis20/current

Looking ahead, we are excited to announce that IACIS Europe will be held in the beautiful city of Blagoevgrad, Bulgaria, June 20-24, 2023, and for IACIS 2023, we will be in Clearwater Beach Florida, October 4 - 7, 2023 at the Sheraton Sand Key Resort. This is a different hotel than the one we have been a previously. This one has beachfront access. Please see the end of the Conference Program for the Calls for Proposals for these conferences.

The IACIS board members thank you for contributing to the 62nd Annual IACIS Conference, and for your continued support. We look forward to lively presentations, discussions, and collegial networking.
Join Us Next Year

IACIS EUROPE 2023

The American University in Blagoevgrad, Bulgaria

IACIS 2023

Sheraton Sand Key Resort
Clearwater Beach, Florida

Beach front access

See the Calls for Proposals at the end of the conference program.
IACIS EXECUTIVE BOARD MEMBERS

Executive Director          Daryl Nord
Director of Publications & Treasurer       Jeretta Horn Nord
Director of Technology & Operations    Alex Koohang
President & Director of Conference Arrangements Maria Elena Corbeil
Vice President & 2022 Conference Chair Joanna Paliszkiewicz
Secretary & IIS Editor         Kevin Floyd

ACKNOWLEDGMENTS

We would like to express our appreciation to the Taylor & Francis team for their year-round support of the conference and JCIS.

EXHIBITORS & SPONSORS

We welcome & thank the following exhibitors.

We invite you to please visit them near the IACIS registration table.
# CONFERENCE OVERVIEW

## Wednesday, October 5, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 - 8:00 p.m.</td>
<td>Registration &amp; Welcome Reception</td>
<td>Golden Nugget, Troy Liquor Bar</td>
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## Thursday, October 6, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>8:00 a.m. - 3:00 p.m.</td>
<td>Registration</td>
<td>Bel Air Foyer</td>
</tr>
<tr>
<td>8:00 a.m. - 3:00 p.m.</td>
<td>Networking</td>
<td>Pine Valley</td>
</tr>
<tr>
<td>8:00 - 9:00 a.m.</td>
<td>Breakfast &amp; Welcome</td>
<td>Bel Air II</td>
</tr>
<tr>
<td>9:10 - 10:10 a.m.</td>
<td>Concurrent Presentation Sessions</td>
<td>Oakmont, Merion, Hillcrest</td>
</tr>
<tr>
<td>10:20 - 11:20 a.m.</td>
<td>Concurrent Presentation Sessions</td>
<td>Oakmont, Merion, Hillcrest</td>
</tr>
<tr>
<td>11:20 a.m. - 12:20 p.m.</td>
<td>Lunch</td>
<td>Bel Air II</td>
</tr>
<tr>
<td>12:30 - 1:30 p.m.</td>
<td>Concurrent Presentation Sessions</td>
<td>Oakmont, Merion, Hillcrest</td>
</tr>
<tr>
<td>1:40 - 2:40 p.m.</td>
<td>Concurrent Presentation Sessions</td>
<td>Oakmont, Merion, Hillcrest</td>
</tr>
<tr>
<td>2:50 - 3:50 p.m.</td>
<td>JCIS Editorial Board Meeting</td>
<td>Pine Valley</td>
</tr>
<tr>
<td>6:00 - 9:00 p.m.</td>
<td>Fun Night</td>
<td>Pebble Beach I &amp; II</td>
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## Friday, October 7, 2022

<table>
<thead>
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<tbody>
<tr>
<td>8:00 a.m. - 3:00 p.m.</td>
<td>Registration</td>
<td>Bel Air Foyer</td>
</tr>
<tr>
<td>8:00 a.m. - 3:00 p.m.</td>
<td>Networking</td>
<td>Pine Valley</td>
</tr>
<tr>
<td>8:00 - 9:00 a.m.</td>
<td>Breakfast</td>
<td>Bel Air II</td>
</tr>
<tr>
<td>9:10 - 10:10 a.m.</td>
<td>Concurrent Presentation Sessions</td>
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</tr>
<tr>
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<td>Concurrent Presentation Sessions</td>
<td>Oakmont, Merion, Hillcrest</td>
</tr>
<tr>
<td>11:30 a.m. - 1:00 p.m.</td>
<td>Awards Luncheon</td>
<td>Pebble Beach I &amp; II</td>
</tr>
<tr>
<td>1:00 - 2:00 p.m.</td>
<td>Concurrent Presentation Sessions</td>
<td>Oakmont, Merion, Hillcrest</td>
</tr>
<tr>
<td>2:10 - 3:10 p.m.</td>
<td>Concurrent Paper Sessions</td>
<td>Oakmont, Merion, Hillcrest</td>
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## Saturday, October 8, 2022

<table>
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<th>Time</th>
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<tbody>
<tr>
<td>8:00 - 10:00 a.m.</td>
<td>Registration</td>
<td>Bel Air Foyer</td>
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<tr>
<td>8:00 a.m. - 3:00 p.m.</td>
<td>Networking</td>
<td>Pine Valley</td>
</tr>
<tr>
<td>8:00 - 9:00 a.m.</td>
<td>Breakfast</td>
<td>Bel Air II</td>
</tr>
<tr>
<td>9:10 - 10:10 a.m.</td>
<td>Concurrent Paper Sessions</td>
<td>Oakmont, Merion, Hillcrest</td>
</tr>
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<td>10:20 - 11:20 a.m.</td>
<td>Concurrent Paper Sessions</td>
<td>Oakmont, Merion, Hillcrest</td>
</tr>
<tr>
<td>11:30 a.m. - 12:00 p.m.</td>
<td>Conference Debriefing &amp; Prizes</td>
<td>Pine Valley</td>
</tr>
</tbody>
</table>
PRESENTATION SESSIONS

IN-PERSON PRESENTATIONS

PRESENTATION DURATION

There will be 3 presentations during each 1-hour presentation session. Each presentation will have 20 minutes, including questions/answers.

Panels and workshops will have 1 hour for the session.

IMPORTANT:
- To facilitate the presentation process, we ask that all presenters be in the presentation room at least 5 minutes before each session.
- If you are a presenter, please present in the order listed in the schedule below.

Attendees will go in and out of the rooms based on the presentations they want to see. They will expect to see the presentations in the order in which they are listed in the conference schedule.

Session Chairs will be available to help keep the time for each presentation.

ASYNCHRONOUS PRESENTATIONS

This year, an asynchronous presentation option was offered to facilitate participation for those who could not travel to attend the conference in person. Authors of these presentations were asked to submit a slide presentation or video of their presentation before the conference.

These presentations can be viewed at any time between October 5-8, 2022, at: https://iacis.org

A list of these presentations is available in this Conference Program following the in-person conference presentation schedule.
JOIN US FOR FUN NIGHT!

Thursday, October 6, 2022

6:00 - 9:00 p.m.

Golden Nugget
Pebble Beach I & II

Join us for an evening of dinner with light music, so we can talk, catch up, or get to know each other, followed by dancing with music from Knight Sounds.
IACIS AWARDS OVERVIEW

With the awards described below, each year, IACIS recognizes individuals who have made significant contributions to Information Systems and related fields through scholarship, research, publication, curriculum and program development, and service.

Computer Educator of the Year

The Computer Educator of the Year is the highest award given by the Association, and competition for the award is keen. Candidates show exceptional research and teaching skills, have made significant contributions to IS and IS education, and enjoy a national or international reputation for their outstanding work throughout the professional community. Recent recipients have included curriculum innovators, leaders in the field of artificial intelligence and IS management, and publishers of learning materials that have significantly impacted the educational community. Nominations for the Computer Educator of the Year are accepted from September until March. The award is presented at the annual conference in the fall.

Ben Bauman Award for Excellence

Ben Bauman was a long-time member, officer, Director, and contributor to IACIS, and a member of the faculty at James Madison University. Ben made it his life's work to contribute to his profession and university and to mentor junior faculty and help them realize their potential. He passed away suddenly, and in recognition of his years of service and contributions, IACIS established an award in his honor.

The Ben Bauman Award for Excellence recognizes faculty excellence and service. Candidates for the Ben Bauman Award include senior faculty with significant service to their profession, university, and community. Examples of service include taking a leadership role in professional organizations, assuming significant committee responsibilities and serving the community through civic, church, and other activities. While research and scholarship are important activities for all faculty, the major emphasis when reviewing senior faculty nominations for the Ben Bauman Award is on significant and long-term service.

The second category of candidates includes junior faculty showing outstanding scholarship, service, and great promise. It is expected that candidates in this category will not have a long record of scholarship and service but will have recognizable achievements. The major emphasis when reviewing junior faculty nominations for the Ben Bauman Award is on the candidate's potential and promise for a significant academic career.

Nominations are accepted for both junior and senior faculty, with one candidate from all nominations selected each year to receive the award. Nominations for the Ben Bauman Award for Excellence are accepted from September until March and presented at the annual conference in the fall.
Jay Liebowitz Outstanding Student Research Award

The Jay Liebowitz Outstanding Student Research Award is an award that recognizes an outstanding student research paper submitted to the IACIS Annual Conference. While the paper may include co-authorship with other students and/or faculty, the research reported must be based on a student-initiated project. Criteria include: (1) contribution of the research to the existing literature; (2) research methodology, data collection, and analysis; (3) lessons learned; and (4) clarity of the writing. The award is presented at the annual IACIS International Conference.

Best Pedagogy Paper

An award for the best paper written regarding pedagogy is awarded at the annual conference. Based on the results of the peer reviews, the paper is selected from those submitted for presentation at the conference. An Honorable Mention will also be awarded in this category. There is no nomination for this award and all papers accepted for presentation at the conference are candidates.

Best Research Paper

An award for the best paper written regarding research is awarded at the annual conference. Based on the results of the peer reviews, the paper is selected from those submitted for presentation at the conference. An Honorable Mention will also be awarded in this category. There is no nomination for this award and all papers accepted for presentation at the conference are candidates.

Doctoral Research Award

The Doctoral Research Award recognizes an outstanding research paper submitted by a doctoral student to the IACIS Annual Conference. Based on the results of the peer reviews, the paper is selected from those submitted for presentation at the conference. There is no nomination for this award and all papers accepted for presentation at the conference are candidates. The author(s) will receive recognition at the Award's Ceremony luncheon during the conference.

This symbol in the Conference Program designates that the presentation is a recipient of one of the awards above.
Dr. Matthew North is a Professor and the Program Coordinator for Information Systems at Utah Valley University (UVU), where he teaches database development and administration, data analytics, and cybersecurity. He is the Director of Research at the Center for Logic and Business Communication (logicandbusiness.org), and has previously served as a department chair, division chair, ombudsman for students, and chair of the university’s Retention, Tenure, Promotion & Appeals Committee. Prior to his academic career, he worked as a software engineer at eBay.

Dr. North is passionate about interdisciplinary, high impact teaching practices. He developed and directed a new South American study abroad program, Across the Digital Divide, has co-authored multiple peer-reviewed journal papers with undergraduate student co-authors, and filled a Fulbright appointment at Universidad Tecnológica Nacional in Argentina where he lectured on data analytics for fraud prevention in e-commerce, and consulted on curriculum redesign for undergraduate and graduate programs in Information Systems. He secured funding and led students on a research trip to Costa Rica, using GIS technologies to study the impact of microchip manufacturing on sensitive sea turtle habitats. He currently sits on the Scholarly and Creative Works Committee, which evaluates applications and distributes funding for undergraduate projects.

Professor North earned his doctoral degree in Technology Education/Information Systems at West Virginia University, a master’s degree in Information Systems at Utah State University, his bachelor’s degree from BYU, and a post-baccalaureate certificate in Legal Studies from UVU. He is the author of the textbook Data Mining for the Masses, multiple book chapters, and dozens of journal papers, proceedings, and professional presentations. He has twice been named Professor of the Year and is the recipient of the Service Excellence Award and the Achievement of the Year Award at UVU. He is a prior recipient of the Ben Bauman Award for Excellence from IACIS.
Ben Bauman Award for Excellence

Debra J. Borkovich

Dr. Debra J. Borkovich is a Business Anthropologist and a Digital/Agile Ethnographic Researcher. Debra conducts in-field and online immersive ethnographies of Fortune 500 companies, non-profit organizations, and emerging tech start-ups as a strategic business consultant. She is also a licensed Certified Professional Contracts Manager (CPCM); and teaches information systems, leadership, business, project management, and research courses as an Adjunct Professor at Middle Georgia State University, USA. Debra also volunteers her free time as a Small Business Advocate and Mentor to emerging high technology hardware, software, and robotics companies.

Honors included being named one of the “Best Women in Business” by the Governor of the Commonwealth of Pennsylvania, USA; the “Small Business Advocate of the Year” by the Society of American Military Engineers; Small Business Administration “National Eisenhower Award;” Environmental Protection Agency “National OSDBU Director’s Award;” 6 Department of Defense “National Nunn-Perry Mentor-Protégé Awards;” 3 “National IT Corporation Quality Awards;” 2 MGA State University “Adjunct Faculty Dean’s Teaching Awards;” and the recipient of the first annual IACIS USA “Jay Liebowitz Outstanding Student Research Award.” Debra also participated as a frequent Panelist for the “White House Roundtable of Private Sector Best Business Practices.”

Prior to entering academia, Debra was employed by the National Center for Defense Robotics as its Director, Contracts Management; and the General Electric Company - Naval Systems as its Senior Manager, Lead Negotiator, and Facility Security Officer (FSO). Before embarking on a corporate career, Debra worked for the US Navy as a civilian employee Contracts Specialist and Contracting Officer and earlier performed on-tour as a professional musician (operatic soprano). Debra is a sincere advocate for multi-disciplinary education, having earned a Bachelor of Science Degree in Education (Duquesne University), a Master of Music Degree (Catholic University of America), and a Doctor of Science Degree in Information Systems & Communications (Robert Morris University). Her academic research and teaching interests are corporate culture, information overload, culture shock, context collapse, ethics & compliance, cybersecurity, social engineering, organizational change-management, conflict-resolution, problem-solving, and decision-making.

Debra’s philosophy of research and education is that learning is a life-long-mission, and all experiences enhance personal self-worth, growth, and confidence regardless of its origination. She advocates that all events (tangible, intangible, digital, analog, visible, invisible, written, oral, sensory, etc.) holistically comprise the multiple and valuable “information systems” that are within each one of us.
<table>
<thead>
<tr>
<th>Award</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
</table>
| Jay Liebowitz Outstanding Student Research Award | IDENTIFYING FACTORS THAT LEAD TO INJURY IN THE NFL | *Bryant University*  
Matthew Toner  
Suhong Li |
| Best Paper Award – Pedagogy    | DOING MORE WITH LESS: USING AI-BASED BIG INTERVIEW TO COMBINE EXAM PREPARATION AND INTERVIEW PRACTICE | *Western Carolina University*  
H. Kevin Fulk  
Heidi L. Dent  
William A. Kapakos  
Barbara Jo White |
| Best Paper Award – Research   | EXTENDING DATA TRANSMISSION IN THE MULTI-HOP LORA NETWORK            | *Middle Georgia State University*  
Joobum Kim  
Jonathan Jenkins  
Jongho Seol  
Myungjae Kwak |
| Doctoral Research Awards      | RECOMMENDER SYSTEMS RESEARCH AND THEORY IN HIGHER EDUCATION: A SYSTEMATIC LITERATURE REVIEW | *Dakota State University*  
Alicia McNett  
Cherie Noteboom |
|                              | UTILIZING DATA SCIENCE AND ANALYTICS IN PREDICTING CAMPUS PLACEMENT   | *Douglas College, New Westminster*  
Caesar Jude Clemente  
*Middle Georgia State University*  
Myungjae Kwak |
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CONFFERENCE SCHEDULE

Wednesday, October 5, 2022

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<tbody>
<tr>
<td>6:00 - 8:00 p.m.</td>
<td>Registration</td>
<td>Golden Nugget, Troy Liquor Bar</td>
</tr>
<tr>
<td>6:00 - 8:00 p.m.</td>
<td>Welcome Reception</td>
<td>Golden Nugget, Troy Liquor Bar</td>
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Thursday, October 6, 2022

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<tr>
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<td>Registration</td>
<td>Bel Air Foyer</td>
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<tr>
<td>8:00 a.m. - 3:00 p.m.</td>
<td>Exhibitors</td>
<td>Bel Air Foyer</td>
</tr>
<tr>
<td>8:00 - 9:00 a.m.</td>
<td>Breakfast &amp; Welcome</td>
<td>Bel Air II</td>
</tr>
<tr>
<td>8:00 a.m. - 3:00 p.m.</td>
<td>Networking</td>
<td>Pine Valley</td>
</tr>
<tr>
<td>11:20 a.m. - 12:20 p.m.</td>
<td>Lunch</td>
<td>Bel Air II</td>
</tr>
<tr>
<td>2:50 - 3:50 p.m.</td>
<td>JCIS Editorial Review Board Meeting</td>
<td>Pine Valley</td>
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Thursday, October 6, 9:10 – 10:10 a.m.

<table>
<thead>
<tr>
<th>Room</th>
<th>Session Chair</th>
<th>Event</th>
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<tbody>
<tr>
<td>Oakmont</td>
<td>Andrew Banasiewicz</td>
<td>EXTENDING DATA TRANSMISSION IN THE MULTI-HOP LORA NETWORK</td>
</tr>
</tbody>
</table>
|            |                         | Joobum Kim
<p>|            |                         | Middle Georgia State University           |
|            |                         | <a href="mailto:joobum.kim@mga.edu">joobum.kim@mga.edu</a>                         |
|            |                         | Jonathan Jenkins                          |
|            |                         | Middle Georgia State University           |
|            |                         | <a href="mailto:jonathan.jenkins2@mga.edu">jonathan.jenkins2@mga.edu</a>                  |
|            |                         | Jongho Seol                                |
|            |                         | Middle Georgia State University           |
|            |                         | <a href="mailto:jongho.seol@mga.edu">jongho.seol@mga.edu</a>                        |
|            |                         | Myungjae Kwak                             |
|            |                         | Middle Georgia State University           |
|            |                         | <a href="mailto:myungjae.kwak@mga.edu">myungjae.kwak@mga.edu</a>                     |
| Hillcrest  | Gary White              | MAKING SENSE OF DATA: TOWARD A GENERAL TAXONOMY |
|            |                         | Andrew Banasiewicz                        |
|            |                         | Merrimack College                        |
|            |                         | <a href="mailto:banasiewicza@merrimack.edu">banasiewicza@merrimack.edu</a>                |
|            |                         | One-Hour Workshop                         |
|            |                         | UNDERSTANDING VOTING SECURITY AND TECHNOLOGY: WORKSHOP |
|            |                         | Garry L. White                            |
|            |                         | Texas State University                    |
|            |                         | <a href="mailto:gw06@txstate.edu">gw06@txstate.edu</a>                          |</p>
<table>
<thead>
<tr>
<th>Towards Advanced Data Skills for Information Systems Graduates</th>
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<tbody>
<tr>
<td>Ashraf Shirani</td>
<td>San Jose State University</td>
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**Thursday, October 6, 9:10 – 10:10 a.m.**

<table>
<thead>
<tr>
<th>Room: Merion</th>
<th>Networking Room: Pine Valley</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Chair: Mel Tomeo</td>
<td></td>
</tr>
</tbody>
</table>

**A Quantitative Study on How COVID-19 Has Impacted the Relationship Between Employees and the Hybrid Employment Model in the Information Technology Field**

- **Mel Tomeo**  
  Miami Dade College  
  mtomeo@mdc.edu

- **Wilfred Mutale**  
  Duquesne University  
  mutalew@duq.edu

- **John J. Scarpino**  
  Robert Morris University  
  scarpino@rmu.edu

- **Vasilka Chergarova**  
  Florida International University  
  vchergar@fiu.edu

**Cryptocurrency Fraud: A Study on the Characteristics of Criminals Who Are Using Fake Profiles on a Social Media Platform to Persuade Individuals to Invest Into Cryptocurrency**

- **Vasilka Chergarova**  
  Florida International University  
  vchergar@fiu.edu

- **Vinicius Arcanjo**  
  Florida International University  
  vindasil@fiu.edu

- **Mel Tomeo**  
  Miami Dade College  
  mtomeo@mdc.edu

Join us here for networking.
Thursday, October 6, 10:20 – 11:20 a.m.

<table>
<thead>
<tr>
<th>Room: Oakmont</th>
<th>Room: Hillcrest</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Session Chair:</strong> Alex Koohang</td>
<td><strong>Session Chair:</strong> Scott Hunsinger</td>
</tr>
</tbody>
</table>

**Panel: The World of Publishing**

**The Editors' Panel**

**Prashant Palvia**  
University of North Carolina  
pcpalvia@uncg.edu

**Alex Koohang**  
Middle Georgia State University  
alex.koohang@mga.edu

**Joanna Paliszkwiewicz**  
Warsaw University of Life Sciences  
joanna_paliszkwiewicz@sggw.edu.pl

**USING UNSUPERVISED MACHINE LEARNING TO DETERMINE SOCIAL NETWORKING USER GROUPS**

**Alan Peslak**  
Penn State University  
arlp14@psu.edu

**Wendy Ceccucci**  
Quinnipiac University,  
wendy.Ceccucci@quinnipiac.edu

**Scott Hunsinger**  
Appalachian State University  
hunsingerds@appstate.edu

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**THE ROLE OF AGE IN KNOWLEDGE TRANSFER AND SHARING IN AN ORGANIZATIONS: A SYSTEMATIC LITERATURE REVIEW**

**Kalee Crandall**  
Dakota State University,  
kalee.crandall@trojans.dsu.edu

**Kodey S. Crandall**  
Utah Valley University  
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**Omar El-Gayar**  
Dakota State University  
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**Jeronimo Bezerra**  
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**Luis Marin Vera**  
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**Anthony Uloa**  
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The IACIS 2022 Conference Program is an official publication of the INTERNATIONAL ASSOCIATION FOR COMPUTER INFORMATION SYSTEMS
A MACHINE-LEARNING APPROACH FOR RESEARCH MODEL CREATION IN THEORY BUILDING RESEARCH

Ling Jiang  
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lnjiang@yorku.ca

Christian Wagner  
City University of Hong Kong  
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DIGITAL MANDALAS: COMMUNICATION & AUTHENTIC HUMAN INTERACTION IN REDDIT’S R/PLACE PLATFORM

William Pendergrass  
Kennesaw State University  
wpenderg@kennesaw.edu

Joseph Compomizzi  
Florida Atlantic University  
jcompomizzi@fau.edu

David Scibelli  
Winthrop University  
scibellid@winthrop.edu

Matthew Szarmach  
The Pennsylvania State University-New Kensington  
mxs6493@psu.edu
<table>
<thead>
<tr>
<th>Room: Merion</th>
<th>Networking Room: Pine Valley</th>
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<tbody>
<tr>
<td>Session Chair: Kevin Mentzer</td>
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</tbody>
</table>

**EMMA: THE ETHICAL MULTIMODAL, MODELING AND ADAPTIVE AI SYSTEM FOR FAIRNESS IN BUILDING TENANT COMFORT**

Christopher B. Davison  
Ball State University  
cbdavison@bsu.edu

David Hua  
Ball State University  
dhua@bsu.edu

Edward Lazaros  
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Allen Truell  
Ball State University  
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Brianna Bowles  
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Erin Boomershine  
Ball State University  
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Colin Allen  
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**EXAMINING THE HYPE BEHIND THE BLOCKCHAIN NFT MARKET**

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Jason Price  
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Ethan Powers  
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Ethan.Powers@nichols.edu

Nickolas Lavrenchuk  
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Nickolas.Lavrenchuk@nichols.edu

Join us here for networking.
### STUDENTS’ PERCEPTION OF ASSURANCE, UTILIZATION OF A PILOT PROGRAM: SYNCHRONIZED ONLINE DISCUSSIONS

**Scott Spangler**  
Middle Georgia State University  
scott.spangler@mga.edu

**Kamy Shah**  
Central Georgia Technical College  
kshah@centralgatech.edu

11:20 – 12:20 p.m.  
Lunch: Bel Air II

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<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Chair</th>
</tr>
</thead>
</table>
| Thursday, October 6, 12:30 – 1:30 p.m. | **A FRAMEWORK OF LEADERSHIP CULTURAL DIMENSIONS IN OUTSOURCED PROJECTS** | Oakmont | Donnette Noble  
Fort Hays State University  
djnoble@fhsu.edu |
|               | **THE ROLE OF CYBER COMPETITIONS IN CYBER DEFENSE EDUCATION: A CASE STUDY OF NATIONAL CYBER LEAGUE (NCL) PARTICIPATION** | Hillcrest | Ping Wang  
Robert Morris University  
wangp@rmu.edu  
\nHubert D'Cruze  
University of Maryland  
hubert.dcruze@yahoo.com  
\nPing Wang  
Robert Morris University  
wangp@rmu.edu  
\nKatherine Carl  
Governors State University  
kcarl@govst.edu |
|               | **EXPLORING IOT SECURITY RESEARCH DIRECTIONS** | Hillcrest | Ping Wang  
Robert Morris University  
wangp@rmu.edu  
\nKatherine Carl  
Governors State University  
kcarl@govst.edu |

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The IACIS 2022 Conference Program is an official publication of the INTERNATIONAL ASSOCIATION FOR COMPUTER INFORMATION SYSTEMS
Kenneth L Williams  
American Public University System  
kewilliams@apus.edu

Hossein Zare  
Johns Hopkins University  
hzare1@jhu.edu

<table>
<thead>
<tr>
<th>Thursday, October 6, 12:30 – 1:30 p.m.</th>
</tr>
</thead>
</table>
| **Room:** Merion  
**Session Chair:** Assion Lawson-Body |
| **Networking Room:** Pine Valley |
| **SOCIAL MEDIA PRIVACY & SECURITY CONCERNS: TRUST & AWARENESS** |
| Alex Koohang  
Middle Georgia State University  
alex.koohang@mga.edu |
| Jeretta Horn Nord  
Oklahoma State University  
jeretta.nord@okstate.edu |
| Kevin Floyd  
Middle Georgia State University  
kevin.floyd@mga.edu |
| Joanna Paliszkiewicz  
Warsaw University of Life Sciences  
joanna_paliszkiewicz@sggw.edu.pl |
| **IMPACT OF NATURAL LANGUAGE PROCESSING ON CRM AND TRUST: AN INTEGRATED FRAMEWORK** |
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| Laurence Lawson-Body  
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| Abdou Illia  
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| Lori Willoughby  
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Join us here for networking.
## IMPACT OF INNOVATION RESISTANCE, TRUST, AND RISK PROPENSITY ON INVESTMENT APPS USE

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**Gurkan Akalin**  
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**Larry White**  
Eastern Illinois University  
lwhite2@eiu.edu

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### Thursday, October 6, 1:40 - 2:40 p.m.

<table>
<thead>
<tr>
<th>Room: Oakmont</th>
<th>Room: Hillcrest</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Session Chair:</strong> Skyler Saunders</td>
<td><strong>Session Chair:</strong> Carl M. Rebman, Jr.</td>
</tr>
<tr>
<td><strong>AN INVESTIGATION OF MUNICIPALITIES SOCIAL MEDIA DEPLOYMENT IN THE PROCESS OF PUBLIC RELATIONS</strong></td>
<td><strong>DOCTORAL ADVISING: A CASE STUDY OF A 3-YEAR DOCTORAL PROGRAM’S RECIPE FOR SUCCESS</strong></td>
</tr>
</tbody>
</table>
| Aykut H. Turan  
Sakarya University  
ahturan@sakarya.edu.tr | Jamie Pinchot  
Robert Morris University  
pinchot@rmu.edu |
| Prashant Palvia  
University of North Carolina Greensboro  
pcpalvia@uncg.edu | Donna Cellante  
Robert Morris University  
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| **A SURVEY TO ASSESS PUBLIC PERCEPTION OF RIGHT TO REPAIR FOR ELECTRONIC DEVICES** | **INTERNET OF THINGS: MEASURING DATA PRIVACY CONCERNS OF USERS** |
| Edward Baker  
Washburn University  
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Pennsylvania Western University  
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| Angelica Comahig  
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Robert Morris University  
paulet@rmu.edu |
| Brett Kulp  
Washburn University  
brett.kulp@washburn.edu | Jamie Pinchot  
Robert Morris University  
pinchot@rmu.edu |
<table>
<thead>
<tr>
<th>Justin Smith</th>
<th>Washburn University</th>
<th><a href="mailto:justin.smith4@washburn.edu">justin.smith4@washburn.edu</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Nan Sun</td>
<td>Washburn University</td>
<td><a href="mailto:nan.sun@washburn.edu">nan.sun@washburn.edu</a></td>
</tr>
<tr>
<td><strong>ONLINE GAMING HABITS &amp; COURSE STRUCTURE PREFERENCES</strong></td>
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<tr>
<td>Skyler Saunders</td>
<td>Washburn University</td>
<td><a href="mailto:skyle.saunder@washburn.edu">skyle.saunder@washburn.edu</a></td>
</tr>
<tr>
<td>Mara Gilbreath</td>
<td>Washburn University</td>
<td><a href="mailto:mara.gilbreath@washburn.edu">mara.gilbreath@washburn.edu</a></td>
</tr>
<tr>
<td>Alejandra Alonso-Olivas</td>
<td>Washburn University</td>
<td><a href="mailto:alejandra.alonso-olivas@washburn.edu">alejandra.alonso-olivas@washburn.edu</a></td>
</tr>
<tr>
<td>Vladislav Baidin</td>
<td>Washburn University</td>
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</tr>
<tr>
<td>Nan Sun</td>
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<td><a href="mailto:nan.sun@washburn.edu">nan.sun@washburn.edu</a></td>
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<tr>
<td><strong>BOTNET INTRUSION DETECTION: A MODERN ARCHITECTURE TO DEFEND A VIRTUAL PRIVATE CLOUD</strong></td>
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<tr>
<td>Robert, Brison</td>
<td>Georgia Southern University</td>
<td><a href="mailto:rb07498@georgiasouthern.edu">rb07498@georgiasouthern.edu</a></td>
</tr>
<tr>
<td>Hayden Wimmer</td>
<td>Georgia Southern, University,</td>
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</tr>
<tr>
<td>Carl M. Rebman, Jr.</td>
<td>University of San Diego</td>
<td><a href="mailto:carlr@sandiego.edu">carlr@sandiego.edu</a></td>
</tr>
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</table>

**Thursday, October 6, 1:40 - 2:40 p.m.**

<table>
<thead>
<tr>
<th>Room: Merion</th>
<th>Session Chair: H. Kevin Fulk</th>
<th>Networking Room: Pine Valley</th>
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<tbody>
<tr>
<td><strong>DOING MORE WITH LESS: USING AI-BASED BIG INTERVIEW TO COMBINE EXAM PREPARATION AND INTERVIEW PRACTICE</strong></td>
<td></td>
<td>Join us here for networking.</td>
</tr>
<tr>
<td>H. Kevin Fulk</td>
<td>Western Carolina University</td>
<td><a href="mailto:hfulk@email.wcu.edu">hfulk@email.wcu.edu</a></td>
</tr>
<tr>
<td>Heidi L. Dent</td>
<td>Western Carolina University</td>
<td><a href="mailto:hdent@email.wcu.edu">hdent@email.wcu.edu</a></td>
</tr>
<tr>
<td>William A. Kapakos</td>
<td>Western Carolina University</td>
<td><a href="mailto:wakapakos@email.wcu.edu">wakapakos@email.wcu.edu</a></td>
</tr>
<tr>
<td>Barbara Jo White</td>
<td>Western Carolina University</td>
<td><a href="mailto:whiteb@email.wcu.edu">whiteb@email.wcu.edu</a></td>
</tr>
</tbody>
</table>
**DOES HYBRID WORKING PROMOTE COLLABORATION AND CREATIVITY? AN EMPIRICAL STUDY**

Abhijit Chaudhury  
Bryant University  
achaudhu@bryant.edu

Pi-Sheng Deng  
CSU Stanislaus  
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**INFORMING SYSTEMS & MISINFORMING: A CONCEPTION FOR RESEARCH ABOUT INFORMATION FABRICATING IN ORGANIZATIONS**

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Debra J. Borkovich  
Middle GA State University  
debra.borkovich@mga.edu

Frederick Kohun  
Robert Morris University  
kohun@rmu.edu

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<table>
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<tr>
<td>2:50 – 3:50 p.m.</td>
<td>JCIS Editorial Board Meeting</td>
<td>Pine Valley</td>
</tr>
<tr>
<td>6:00 - 9:00 p.m.</td>
<td>Fun Night</td>
<td>Pebble Beach I &amp; II</td>
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**FRIDAY, OCTOBER 7, 2022**

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<th>Time</th>
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<tr>
<td>8:00 a.m. - 3:00 p.m.</td>
<td>Registration</td>
<td>Bel Air Foyer</td>
</tr>
<tr>
<td>8:00 a.m. - 3:00 p.m.</td>
<td>Exhibitors</td>
<td>Bel Air Foyer</td>
</tr>
<tr>
<td>8:00 a.m. - 3:00 p.m.</td>
<td>Networking</td>
<td>Pine Valley</td>
</tr>
<tr>
<td>8:00 - 9:00 a.m.</td>
<td>Breakfast</td>
<td>Bel Air II</td>
</tr>
<tr>
<td>11:30 - 1:00 p.m.</td>
<td>Awards Luncheon</td>
<td>Pebble Beach I &amp; II</td>
</tr>
<tr>
<td>Room: Oakmont</td>
<td>Room: Hillcrest</td>
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</tr>
<tr>
<td><strong>Session Chair:</strong> Eugene Gyawu</td>
<td><strong>Session Chair:</strong> Renel Smith</td>
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</tr>
<tr>
<td><strong>DIGITAL TRANSFORMATION OF HUMAN CAPITAL IN THE EU ACCORDING TO THE DESI INDEX</strong></td>
<td><strong>FACTORS THAT INFLUENCE THE ADOPTION OF THE INTERNET OF ROBOTIC THINGS (IORT) IN FULFILLMENT CENTERS (FC) &amp; DISTRIBUTION CENTERS (DC)</strong></td>
<td></td>
</tr>
</tbody>
</table>
| Tünde Zita Kovács  
University of Debrecen  
kovacs.tunde.zita@econ.unideb.hu | Logeishwaran Prabakaran  
University of the Cumberlands  
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| Beáta Bittner  
University of Debrecen  
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University of the Virgin Islands  
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| András Nábrádi  
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nabradi.andras@econ.unideb.hu | **RANSOMWARE IN LOCAL GOVERNMENT: RISK FACTORS, VULNERABILITIES, & EXPLOITATION DURING A GLOBAL PANDEMIC** |
| **CRITICAL MINERAL TREND ANALYSIS USING TEXT MINING** | Alexander F. Ruggiero  
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| Wen-Bin Yu  
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| **DIGITAL TRANSFORMATION POSSIBILITIES IN PUBLIC TRANSPORTATION IN DEBRECEN** |  |
| Szabolcs Toth  
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toth.szabolcs@dkv.hu |  |
<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Email</th>
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<tr>
<td>Beata Bittner</td>
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<tr>
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</tr>
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<td>Adrian Szilard Nagy</td>
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<td><a href="mailto:carlr@sandiego.edu">carlr@sandiego.edu</a></td>
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<tr>
<td>Carol Sargent</td>
<td>Mercer University</td>
<td><a href="mailto:sargent_cs@mercer.edu">sargent_cs@mercer.edu</a></td>
</tr>
<tr>
<td>Jennifer Breese</td>
<td>Pennsylvania State University</td>
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<tr>
<td>Queen Booker</td>
<td>Metro State University</td>
<td><a href="mailto:queen.booker@metrostate.edu">queen.booker@metrostate.edu</a></td>
</tr>
<tr>
<td>Kamel Rouibah</td>
<td>Kuwait University</td>
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</tr>
<tr>
<td>Abrar Al-Hasan</td>
<td>Kuwait University</td>
<td><a href="mailto:abrar.alhasan@ku.edu.kw">abrar.alhasan@ku.edu.kw</a></td>
</tr>
<tr>
<td>Ben Kim</td>
<td>Seattle University</td>
<td><a href="mailto:bkim@seattleu.edu">bkim@seattleu.edu</a></td>
</tr>
</tbody>
</table>

**Friday, October 7, 9:10 – 10:10 a.m.**

**Room:** Merion  
**Session Chair:** Carol Sargent  
**Networking Room:** Pine Valley

**AN EXPLORATORY STUDY IN BLOCKCHAIN KNOWLEDGE, PERCEPTIONS, OVERCONFIDENCE, & OPTIMISM**

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Jennifer Breese  
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**MECHANISMS TO INCREASE SYSTEM QUALITY AND B2C E-COMMERCE REUSE: AN EMPIRICAL TEST**

Kamel Rouibah  
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Abrar Al-Hasan  
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**PREDICTIONS OF WINE RATINGS USING NATURAL LANGUAGE PROCESSING**

Ben Kim  
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bkim@seattleu.edu

Join us here for networking.
### Friday, October 7, 10:20 – 11:20 a.m.

<table>
<thead>
<tr>
<th>Room: Oakmont</th>
<th>Room: Hillcrest</th>
</tr>
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<tbody>
<tr>
<td><strong>Session Chair:</strong> Debra J. Borkovich</td>
<td><strong>Session Chair:</strong> Kembley Lingelbach</td>
</tr>
<tr>
<td><strong>IDENTIFYING FACTORS THAT LEAD TO INJURY IN THE NFL</strong></td>
<td><strong>THE CIRCULAR ECONOMY &amp; DISRUPTIVE TECHNOLOGY</strong></td>
</tr>
<tr>
<td>Matthew Toner</td>
<td>Joanna Paliszkiewicz</td>
</tr>
<tr>
<td>Bryant University</td>
<td>Warsaw University of Life Sciences</td>
</tr>
<tr>
<td><a href="mailto:mtoner1@bryant.edu">mtoner1@bryant.edu</a></td>
<td><a href="mailto:joanna_paliszkiewicz@sggw.edu.pl">joanna_paliszkiewicz@sggw.edu.pl</a></td>
</tr>
<tr>
<td>Suhong Li</td>
<td>Alex Koohang</td>
</tr>
<tr>
<td>Bryant University</td>
<td>Middle Georgia State University</td>
</tr>
<tr>
<td><a href="mailto:sli@bryant.edu">sli@bryant.edu</a></td>
<td><a href="mailto:alex.koohang@mga.edu">alex.koohang@mga.edu</a></td>
</tr>
<tr>
<td><strong>DIGITAL ETHNOGRAPHY: A DISRUPTIVE QUALITATIVE APPROACH TO INQUIRY</strong></td>
<td><strong>A QUANTITATIVE STUDY OF THE RELATIONSHIP BETWEEN CLOUD FLEXIBILITY &amp; ON-PREMISE FLEXIBILITY</strong></td>
</tr>
<tr>
<td>Debra J. Borkovich</td>
<td>Emmanuel Tachu</td>
</tr>
<tr>
<td>Middle GA State University</td>
<td>University of North Carolina at Charlotte</td>
</tr>
<tr>
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<td><a href="mailto:etachu@uncc.edu">etachu@uncc.edu</a></td>
</tr>
<tr>
<td><strong>CHALLENGES &amp; SOLUTIONS TO BLOCKCHAIN-BASED MANAGEMENT OF IOT DEVICES IN SMART CITIES</strong></td>
<td><strong>A STUDY OF FEMALE CYBERSECURITY PROFESSIONALS</strong></td>
</tr>
<tr>
<td>Joshua Murphy</td>
<td>Kembley Lingelbach</td>
</tr>
<tr>
<td>Robert Morris University</td>
<td>Middle Georgia State University</td>
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<td><a href="mailto:jxmst637@mail.rmu.edu">jxmst637@mail.rmu.edu</a></td>
<td><a href="mailto:Kembley.lingelbach@mga.edu">Kembley.lingelbach@mga.edu</a></td>
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<tr>
<td>Sushma Mishra</td>
<td><strong>A QUANTITATIVE STUDY OF THE RELATIONSHIP BETWEEN CLOUD FLEXIBILITY &amp; ON-PREMISE FLEXIBILITY</strong></td>
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<tr>
<td>Robert Morris University</td>
<td>Emmanuel Tachu</td>
</tr>
<tr>
<td><a href="mailto:mishra@rmu.edu">mishra@rmu.edu</a></td>
<td>University of North Carolina at Charlotte</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:etachu@uncc.edu">etachu@uncc.edu</a></td>
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### Friday, October 7, 10:20 – 11:20 a.m.

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<tr>
<th>Room: Merion</th>
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<tr>
<td><strong>Session Chair:</strong> Christopher B. Davison</td>
<td><strong>Join us here for networking.</strong></td>
</tr>
<tr>
<td><strong>BARRIERS FOR USING BLOCKCHAIN IN SUPPLY CHAINS: A LITERATURE REVIEW</strong></td>
<td></td>
</tr>
<tr>
<td>Carol Sargent</td>
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<tr>
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<td>Penn State University</td>
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<tr>
<td><a href="mailto:jzb545@psu.eduis">jzb545@psu.eduis</a> education</td>
<td></td>
</tr>
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</table>
STRATEGIES FOR STREAMLINING STUDENT LEARNING OUTCOME ASSESSMENTS FOR BOTH EXTERNAL & INTERNAL AUDIENCES IN AN INFORMATION SYSTEMS & OPERATIONS MANAGEMENT DEPARTMENT

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BLOCKCHAIN TECHNOLOGY FOR RENEWABLE ENERGY: FEATURES, APPLICATIONS & FORECASTS

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Khuram Shahzad  
University of Vaasa, Finland  
khuram.shahzad@uwasa.fi

11:30 – 1:00 p.m.  Awards Luncheon................................. Pebble Beach I & II

Friday, October 7, 1:00 - 2:00 p.m.

<table>
<thead>
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<td>Dong-Heon Kwak</td>
<td>Session Chair</td>
<td>Donna M. Schaeffer</td>
</tr>
<tr>
<td>UTILIZING DATA SCIENCE &amp; ANALYTICS IN PREDICTING CAMPUS PLACEMENT</td>
<td>CAN FRAGILE STATES MAINTAIN CYBERSECURITY?</td>
<td></td>
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</tr>
<tr>
<td>Caesar Jude Clemente</td>
<td>Donna M. Schaeffer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Douglas College, New Westminster | Marymount University  
donna.schaeffer@marymount.edu |
| clementec@douglascollege.ca | Rebecca Rohan  
Marymount University  
rjr46738@marymount.edu |
| Myungjae Kwak | Patrick C. Olson  
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<p>| Middle Georgia State University | <a href="mailto:myungjae.kwak@mga.edu">myungjae.kwak@mga.edu</a> |</p>
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
</table>
| BIG DATA TOOLS FOR ANALYTICS IN IS RESEARCH                          | Kalyani Ankem  
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TOWARDS A COST/BENEFIT ANALYSIS OF TRADE SECRET PROTECTIONS FOR SMALL BUSINESS | Thomas Lombardi  
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EDUCATIONAL ATTAINMENT, RACE, AND EMPLOYABILITY POST COVID-19: INSIGHTS FROM DATA VISUALIZATION | Carlos Uresti  
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RANSOMWARE: A PRIMER, SUGGESTED DETERRENCE & A SYSTEMS THINKING APPROACH | Jennifer L. Breese  
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Mark Fox  
Indiana University South Bend  
mfox1@iusb.edu  
Join us here for networking. |

**Friday, October 7, 1:00 - 2:00 p.m.**

**Room:** Merion  
**Session Chair:** Peter Draus  
**Networking Room:** Pine Valley  

**Join us here for networking.**
<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ganesh Vaidyanathan</td>
<td>Roosevelt University</td>
<td><a href="mailto:gvaidyanathan@roosevelt.edu">gvaidyanathan@roosevelt.edu</a></td>
</tr>
<tr>
<td>Peter Draus</td>
<td>Robert Morris University</td>
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</tr>
<tr>
<td>Weixiao Sun</td>
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<tr>
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</tr>
</tbody>
</table>

**Friday, October 7, 2:10 - 3:10 p.m.**

**Room: Oakmont**  
**Session Chair: Kevin Slonka**

**Panel**  
**THE IMPACT OF PSYCHOPATHIC MANAGERS AND THE AGILE METHODOLOGY**

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adrián Szilárd Nagy</td>
<td>University of Debrecen</td>
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</tr>
<tr>
<td>Octavia Diana Monica Tuegeh</td>
<td>Manado State University</td>
<td><a href="mailto:tuegeh.octavia@econ.unideb.hu">tuegeh.octavia@econ.unideb.hu</a></td>
</tr>
<tr>
<td>Johan Reineer Tumiwa</td>
<td>Sam Ratulangi University</td>
<td><a href="mailto:johantumiwa@unsrat.ac.id">johantumiwa@unsrat.ac.id</a></td>
</tr>
</tbody>
</table>
OSG PRACTICES IN RESPONSIBILITY/ACCOUNTABILITY, AWARENESS, COMPLIANCE, AND ASSESSMENT: A QUALITATIVE ANALYSIS

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Natalya Bromall  
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Kevin Slonka  
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COMPARISON OF SIMULATION & INFRASTRUCTURE-AS-CODE TRAINING IN IT COURSES

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bromall@rmu.edu

Friday, October 7, 2:10 - 3:10 p.m.

Room: Merion  
Session Chair: Zoroayka V. Sandoval

Networking Room: Pine Valley

IMMERSIVE TECHNOLOGIES: BENEFITS, TIMEFRAMES, AND OBSTACLES

Nicholas M. Santos  
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Alan Peslak  
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ANALYZING MORAL & ETHICAL BELIEFS TO PREDICT FUTURE ARTIFICIAL INTELLIGENCE DEVELOPMENT

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Henry Suters
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IOT INFLUENCE IN HIGHER EDUCATION LEARNING

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Zoroayka V. Sandoval
Middle Georgia State University
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SATURDAY, OCTOBER 8, 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m. - 10:00 a.m.</td>
<td>Registration</td>
<td>Bel Air Foyer</td>
</tr>
<tr>
<td>8:00 a.m. - 11:30 a.m.</td>
<td>Exhibitors</td>
<td>Bel Air Foyer</td>
</tr>
<tr>
<td>8:00 a.m. - 11:30 a.m.</td>
<td>Networking</td>
<td>Pine Valley</td>
</tr>
<tr>
<td>8:00 - 9:00 a.m.</td>
<td>Breakfast</td>
<td>Bel Air II</td>
</tr>
<tr>
<td>11:30 a.m. - 12:00 p.m.</td>
<td>Closing Session &amp; Prizes</td>
<td>Pine Valley</td>
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Saturday, October 8, 9:10 – 10:10 a.m.

<table>
<thead>
<tr>
<th>Room: Oakmont</th>
<th>Session Chair: Alana Platt</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EVALUATION OF MHEALTH FEATURES ON USER EXPERIENCE</strong></td>
<td></td>
</tr>
<tr>
<td>Alana Platt</td>
<td>University of Wisconsin-Whitewater <a href="mailto:platta@uww.edu">platta@uww.edu</a></td>
</tr>
<tr>
<td>Christina Outlay</td>
<td>University of Wisconsin-Whitewater <a href="mailto:outlayc@uww.edu">outlayc@uww.edu</a></td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Room: Hillcrest</th>
<th>Session Chair: Joseph V. Homan</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HYFLIP LEARNING: A CASE FOR BETTER ONLINE INSTRUCTION POST-COVID</strong></td>
<td></td>
</tr>
<tr>
<td>Kevin J. Slonka</td>
<td>Saint Francis University <a href="mailto:kslonka@francis.edu">kslonka@francis.edu</a></td>
</tr>
</tbody>
</table>
THE IMPACT OF COVID-19 ON EDUCATION: A THREE-PHASE STUDY ON STUDENTS’ ATTITUDES TOWARD TRANSFORMATIVE MODES OF INSTRUCTION

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HAVE STUDENTS’ PERCEPTIONS OF ONLINE EDUCATION CHANGED WITH THE EASING OF COVID-19 RESTRICTIONS?

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TEACHING DATA WAREHOUSING WITH SAP HANA

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AN INVESTIGATION OF PREVIOUSLY UNDISCOVERED SECURITY VULNERABILITIES OF COMMON HOUSEHOLD IOT DEVICES

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Philip Kim
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Saturday, October 8, 9:10 – 10:10 a.m.

Room: Merion
Session Chair: Mysore Ramaswamy

Networking Room: Pine Valley

A BLACK BOX APPROACH TO AUDITING ALGORITHMS

Seung C. Lee
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slee@d.umn.edu

Join us here for networking.
<table>
<thead>
<tr>
<th>TOWARDS A FRAMEWORK FOR BETTER DECISION-MAKING IN SMALL BUSINESSES</th>
</tr>
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<tbody>
<tr>
<td>Mysore Ramaswamy</td>
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<tr>
<td>Southern University and A&amp;M College</td>
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<td><a href="mailto:mysore@acm.org">mysore@acm.org</a></td>
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<tr>
<th>Saturday, October 8, 10:20 - 11:20 a.m.</th>
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<tr>
<td><strong>Room:</strong> Oakmont</td>
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<tr>
<td><strong>Session Chair:</strong> Elaine Winston</td>
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<tr>
<td>IMPROVING COMPUTER-BASED LEARNING ENVIRONMENTS FOR THE ELDERLY END-USER</td>
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<tr>
<td>Elaine Winston</td>
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<tr>
<td>Hofstra University</td>
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<tr>
<td><a href="mailto:elaine.r.winston@hofstra.edu">elaine.r.winston@hofstra.edu</a></td>
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<tr>
<td>B. Dawn Medlin</td>
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<td>Appalachian State University</td>
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<td><a href="mailto:medlinbd@appstate.edu">medlinbd@appstate.edu</a></td>
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<tr>
<td>A SYSTEMATIC LITERATURE REVIEW: BENEFITS AND CHALLENGES OF BLOCKCHAIN-BASED DIGITAL TRANSFORMATION</td>
</tr>
<tr>
<td>Weiru Chen</td>
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<tr>
<td>Arkansas Tech University</td>
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<tr>
<td><a href="mailto:wchen7@atu.edu">wchen7@atu.edu</a></td>
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<tr>
<td>Wu He</td>
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<td>Old Dominion University</td>
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<tr>
<td><a href="mailto:whe@odu.edu">whe@odu.edu</a></td>
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<tr>
<td>Jiayue Shen</td>
</tr>
<tr>
<td>SUNY Polytechnic Institute</td>
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<td><a href="mailto:shenj@sunypoly.edu">shenj@sunypoly.edu</a></td>
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<tr>
<td>Xianping Wang</td>
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<td>Purdue University Northwest</td>
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<tr>
<td>Hong Chen</td>
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<tr>
<td>Indiana University East</td>
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<tr>
<td><a href="mailto:hch2@iu.edu">hch2@iu.edu</a></td>
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<tr>
<td>IS EDUCATION IN SAP’S ERP SOFTWARE “RELEVANT”?</td>
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<tr>
<td>Karl Kurbel</td>
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<tr>
<td>FOM University Berlin</td>
</tr>
<tr>
<td><a href="mailto:Karl.Kurbel@fom-net.de">Karl.Kurbel@fom-net.de</a></td>
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<tr>
<td>A LOW-CODE/NO-CODE APPROACH TO THE SYSTEMS ANALYSIS AND DESIGN COURSE</td>
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<tr>
<td>Frederick K. Augustine, Jr.</td>
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<tr>
<td>Stetson University</td>
</tr>
<tr>
<td><a href="mailto:faugusti@stetson.edu">faugusti@stetson.edu</a></td>
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<tr>
<td>ANALYTICS AND VISUALIZATION OF DETECTING FAKE NEWS CONTENTS ACCURACY</td>
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<tr>
<td>Stephanie Molina</td>
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<tr>
<td>Carson-Newman University</td>
</tr>
<tr>
<td><a href="mailto:mstephanie159@gmail.com">mstephanie159@gmail.com</a></td>
</tr>
<tr>
<td>Seongyong Hong</td>
</tr>
<tr>
<td>Carson-Newman University</td>
</tr>
<tr>
<td><a href="mailto:shong@cn.edu">shong@cn.edu</a></td>
</tr>
</tbody>
</table>
### MALWARE DETECTION FRAMEWORK IN CYBER-PHYSICAL SYSTEMS USING ARTIFICIAL INTELLIGENCE – MACHINE LEARNING

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**Anteneh Girma**  
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**Paul Cotae**  
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**Saturday, October 8, 10:20 - 11:20 a.m.**

<table>
<thead>
<tr>
<th>Room: Merion</th>
<th>Networking Room: Pine Valley</th>
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</thead>
<tbody>
<tr>
<td>Session Chair: Jason E. James</td>
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</tbody>
</table>

### DIGITAL TRANSFORMATION OF HIGHER EDUCATION THROUGH DISRUPTIVE PEDAGOGIES: WRAPPING A COURSE AROUND A COURSE TO PROMOTE LEARNER AGENCY

**Maria Elena Corbeil**  
The University of Texas Rio Grande Valley  
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**Joseph Rene Corbeil**  
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### HIGH TECH CYBERCRIME UNIT: A PARTNERSHIP BETWEEN A LOCAL COUNTY AND A UNIVERSITY

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### RECOMMENDATIONS FOR COURSE/PROGRAM OBJECTIVES IN BLOCKCHAIN TECHNOLOGY

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**Pankaj Chaudhary**  
North Carolina A&T State University  
pchaudhary@ncat.edu

---

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11:30 a.m. - 12:00 p.m.   Closing Session & Prizes……………………………Pine Valley

Join us for the closing of the conference & door prizes.
Must be present to win!
ASYNCHRONOUS PRESENTATIONS

Please visit the IACIS website during the days of the conference at http://iacis.org to view a digital presentation of the session titles below. They will not be presented at a specific day or time. They will be available for you to view at your convenience during the 3 days of the conference.

DOCTORAL RESEARCH AWARD RECIPIENT

RECOMMENDER SYSTEMS RESEARCH & THEORY
IN HIGHER EDUCATION: A SYSTEMATIC LITERATURE REVIEW

Alicia McNett
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THE EFFECTS OF 5G IMPLEMENTATION ON THE ASPECTS OF SUSTAINABILITY IN THE AIR TRANSPORTATION INDUSTRY

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THE AUTHORSHIP OF HEBREWS: A TOPIC MODELING ANALYSIS

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INTELLIGENT STRUCTURATION: MACHINE LEARNING FORECASTING

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HACKATHONS FOR EXPERIENTIAL LEARNING IN IS HIGHER EDUCATION

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BUILDING RPA SOLUTIONS FOR CUSTOMER-ORIENTED PROCESSES AUTOMATION

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IS TECHNOLOGY SCARY? STUDENT PERCEPTIONS OF ANALYTICS CONTENT IN GRADUATE CORE COURSES

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INCREASING CYBERSECURITY INTEREST AND SELF-EFFICACY THROUGH EXPERIENTIAL LABS

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DELIBERATELY CONFUSING LANGUAGE IN TERMS OF SERVICE AND PRIVACY POLICY AGREEMENTS

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OPENFLOW SWITCH CONTROLLER AS A POLICY-BASED SYSTEM

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SERVERLESS DATA PIPELINE FOR DATA-DRIVEN DECISION MAKING TO MITIGATE PET SURRENDERS

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A STATE-OF-ART SURVEY: DIGITALIZATION OF MONEY TO CRYPTOCURRENCY

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INFORMATION SEEKING AND VERIFICATION OF WEB INFORMATION: A COMPARATIVE STUDY

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UNDERSTANDING CYBERCRIME: A THREE-GENERATION APPROACH

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John D. Crabtree  
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RECOMMENDER SYSTEMS RESEARCH AND THEORY IN HIGHER EDUCATION: A SYSTEMATIC LITERATURE REVIEW

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Cherie Noteboom  
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EXPLORING THE NEED FOR SPECIALIZED MEDICATION FOR PSYCHOPATHY AND ARTIFICIAL INTELLIGENCE TO IMPROVE DIAGNOSIS

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FUTURE OF TRADITIONAL BANKING AND ITS DIGITALIZATION

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THE IMPACT OF USABILITY ON E-GOVERNMENT USAGE IN THE PERUVIAN CONTEXT

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USING DEVOPS PARADIGM TO DEPLOY WEB APPLICATIONS

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THE IMPACT OF ENVIRONMENTAL NEWS STORIES ON TWITTER CONTENT

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BLOCKCHAIN FUNDAMENTALS AND CLASSIFICATIONS: A PATHWAY TO THE MOON

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SOCIAL INNOVATION SYSTEM (SIS): USING DESIGN THINKING, PRODUCT MANAGEMENT SYSTEMS & APPLIED BUSINESS ANALYTICS TO IMPROVE SIS DESIGN

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THE IMPACT OF SOCIAL MEDIA GEOLOCATION ON NATIONAL SECURITY & LAW ENFORCEMENT

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PREDICTING 30+ DAY LATE MORTGAGE PAYMENTS

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Manjeet Rege
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ACTUALIZING GENDER AND RACIAL DIVERSITY INCLUSION IN COMPUTING FIELDS

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STRATEGIES FOR FACILITATING UNIVERSITY STUDENT ENGAGEMENT IN ONLINE INFORMATION SYSTEMS COURSES

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ENGAGING K-12 STUDENTS IN DISTANCE LEARNING THROUGH GAMIFICATION

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COVID-19 PANDEMIC IMPACT ON THE FRESHMAN SUPPLY CHAIN

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DIGITAL TRANSFORMATION USING CLOUD COMPUTING: A MANAGERIAL PERSPECTIVE

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THE ADVANTAGES OF VIRTUAL MEETINGS IN ENGINEERING ENVIRONMENTS

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SECURITY & PRIVACY IN VIRTUAL REALITY: A LITERATURE REVIEW

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A CLUSTER ANALYSIS OF GRADE SCHOOL STUDENTS’ STANDARDIZED MATH TEST SCORES: INSIGHTS FROM TABLEAU

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VALUE CO-CREATION IN E-SERVICES: THE CASE OF WEBSITES

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PASSWORD CHANGE REQUIREMENTS & THE EFFECTIVE STRENGTH OF PASSWORDS

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Journal of Computer Information Systems

2022 Impact Factor 3.317

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Call for Papers, Panels, Abstracts, Workshops

IACIS Europe International Conference

June 20 – 24, 2023
Blagoevgrad, Bulgaria

Conference Theme: Industry 4.0 & Technological Innovation

Industry 4.0 transforming the way firms manufacture, improve, and distribute their products by integrating new technologies into production facilities and throughout operations. These technologies include the Internet of Things (IoT), cloud computing, analytics, and AI/machine learning among others.

Topics Related to the Conference Theme

- Artificial Intelligence (AI)
- Big Data
- Cybersecurity
- Data Analytics
- Digital Factory
- Digital Manufacturing
- Digital Twin
- iCloud & Cloud computing
- Industrial Automation
- Value Chain
- Smart factory
- Integrated Systems
- Internet of Things (IoT)
- Manufacturing Execution Systems
- Modeling, simulation & visualization
- New/Improved processing technologies
- Product lifecycle management
- Smart Mobility
- Supply chain
- Vertical Integration of Operations Across
- Information & Communication Technology (ICT)
- Other related topics

Submission Deadline

- Submission Deadline of complete papers or abstracts: **February 10, 2023**
- Reviews and responses to authors: **February 25, 2023**
- Submission of the final version of accepted papers or abstracts: March 11, 2023

**Important:** Please note that all submissions (full papers, extended abstracts, & abstracts) must be submitted by the deadline above in order to undergo the peer review process and be considered for publication in either The Proceedings publication by AIP, the Issues in Information Systems (IIS), or selected journal(s).

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You are invited to share your research on the conference theme or other relevant IS and IT research with the educators and professionals attending the IACIS International Conference. Papers covering related academic and technical issues are also encouraged. Full papers, abstracts, and panel presentations are also accepted. Submit only **unpublished, original works.** Proposals for workshops and panel presentations should provide a general overview of the session’s objectives and activities.
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Please visit the IACIS Europe website for more information on publication options, guidelines, and where to submit at: https://iacis.org/conference-europe/index.php

Registration Fee

Registration for in-person conference -- $395 (USD) if paid by 11:59 p.m. April 10, USA Central Time. Late Registration - $445 (USD) if paid after 11:59 p.m. April 10, USA Central Time.

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IACIS 63rd Annual Conference

October 4 - 7, 2023

Sheraton Sand Key Resort, Clearwater Beach, Florida

Conference Theme: Cybersecurity Governance, Risk & Compliance

The cybersecurity threats to organizations are real and organizations are extremely vulnerable to cyber threats. The theme of the 2023 IACIS annual conference is Cybersecurity Governance, Risk, & Compliance. This year’s conference seeks papers in the following areas:

- Business drivers for information security
- Cybersecurity education, training, legal and regulatory compliance
- Cybersecurity risk assessment
- External and internal threats compromising data and digitized intellectual property
- Leadership role in the cybersecurity decision-making process.
- Policies for mitigating risks and security
- Security issues within organizations (i.e., policy, planning, technologies, & audit procedures)
- Technology solutions addressing cybersecurity threats and risks
- Other related topics in cybersecurity governance, risk, and compliance

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In order to meet conference deadlines, all submissions MUST be submitted online by May 28, 2023.

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