



2019 Program Guide

ISECON

Information Systems Education Conference

April 4 to 6, 2019
Galveston Island, Texas



500 North Michigan Avenue, Suite 600 • Chicago, IL 60611

ISECON 2019: Welcome to Galveston Island!

Dear Fellow IT/IS Colleague:

The Information Systems Education Conference (ISECON) provides special opportunities for information technology faculty. For over a quarter of a century, the Foundation for Information Technology Education has been providing this forum of a broad spectrum of presentation topics, and a special camaraderie to be shared by those who attend.

This week and weekend, we are gathering to expand our understanding of information systems education. We are extremely grateful for the efforts of the entire ISECON 2019 conference planning committees for organizing these conferences. Thanks to conference chair Dr. Brian Reithel and to arrangements coordinator Kevin Jetton, for making sure it is a great conference. I would also like to thank Dr. Bart Garner for serving as the Proceeding Editor for ISECON 2019. Be sure to visit with our sponsors and vendors during the conference, attend the vendor workshops and say thanks!

The authors, reviewers, presenters, and panelists, in conjunction with the ISECON committees, have collaborated to make this national conference function smoothly. In addition, those involved with registration, logistics and local arrangements deserve a special thank you. Anyone who has worked on the planning and execution of a conference of this magnitude can certainly appreciate the amount of effort necessary to present such an excellent conference.

The Foundation for Information Technology Education (FITE) exists to advance the state of education and practice in the Information Technology profession. Through conferences such as ISECON and the U.S. IT Collegiate Conference, we offer forums in which IT/IS educators and students can interact, learn, and then return to their classrooms to shape the skills and knowledge of tomorrow's IT professionals.

We hope ISECON 2019 will be a valuable experience – from both personal networking and professional development viewpoints. We also sincerely hope you will join us at future ISECON events!

Have a great conference and let us know if there is anything that we can do to make your conference experience better not only this year, but in future years as well!

Sincerely,

Nita Adams, CISSP

President, Foundation for Information Technology Education



**ALL events will be held at the
Galveston Island Convention Center (GICC) except where noted**

Level 1: Registration, Exhibitors, Friday Lunch, and Sessions;

Level 2: Ballroom A: Friday Keynote

**Complimentary Meeting Space Wireless Internet:
SSID: "San Luis Conference" • password: "gicc5600"**

Thursday Afternoon/Evening Highlights

Welcome "Regi-ception"
4:00-7:00 p.m. - GICC: Foyer Welcome Registration and Reception

Friday Morning & Luncheon Highlights

Keynote / Meals	Conference Sessions and Workshops
7:00 a.m. – 4:00 p.m. - GICC Entry Foyer Registration, Exhibitors, & Breaks	9:00 a.m. – noon GICC Lvl 1: Harbor Morning Paper Sessions
7:30-8:45 a.m. – GICC Lvl 2: Grand Ballroom A Keynote Breakfast Presentation "Unleash Your Soft Skills" by Bob Graham, Serious Soft Skills, LLC	
Noon – 1:15 p.m. – GICC Lvl 1: Clipper Best Papers Recognition Luncheon	

Friday Afternoon & Evening Highlights

Reception	Conference Sessions
5:00 – 6:30 p.m. – San Luis Resort: Promenade Lawn Networking Reception	1:30 – 5:00 p.m. - GICC Lvl 1: Harbor Afternoon Paper Sessions

Our Sponsors and Exhibitors

Thank you to our exhibitors and sponsors of this year’s joint conferences (ISECON 2019 and USITCC 2019). Please make sure you visit their exhibits to learn more about how they may be able to assist IS/CS/IT educators and students.

	
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Best Paper Award

“An Exploratory Study on Variances in Perceptions of Smart Home Technologies”,
Thomas Mendoza, Georgia Southern University, Hayden Wimmer, Georgia
Southern University, and Carl Rebman, University of San Diego.

Best Paper Award – Honorable Mention

“Understanding Perceptions of Conceptual Information Technology Adaptive
Learning”, Kamal Kakish, Cindy Robertson and Lorraine Jonassen, Georgia
Gwinnett College.

Friday, April 5, 2019

Location	Chair	9:00 to 9:20 a.m.	9:20 to 9:40 a.m.	9:40 to 10:00 a.m.
GICC Lvl 1: Harbor	Thomas Chapman	Cybersecurity and Cryptocurrencies: Introducing complex systems through current events Anthony Serapiglia, Saint Vincent College	Preparing for a Catastrophic Pearl Harbor cyber-attack! A need for Cyber Security Education Garry White, Texas State University	Identifying the Gap between Blockchain Education and the Skills Needed Aniketh Upadrasta Frank Lee University of Mary Hardin-Baylor

Location	Chair	10:00 to 10:20 a.m.	10:20 to 10:40 a.m.	10:40 to 11:00 a.m.
GICC Lvl 1: Harbor	Tony LaCrosse	Introducing NoSQL Using Real-world Datasets from Twitter Thyago Mota Moravian College	Teaching Cloud Computing Skills with Microsoft Azure Projects Frank Lee, Prasanna Karanam, Priyanka Navar University of Mary Hardin-Baylor	Exploring Open Educational Resources for Teaching Web Technologies Shuhua Lai, Shuting Xu Georgia Gwinnett College

Location	Chair	11:00 to 11:25 a.m.	11:25 to 11:50 a.m.
GICC Lvl 1: Harbor	Mark Gilfand	Making Traditional vs. Agile Real to Students: Adding to the What and the How, the Why? Integrating Learning, Practice and Reflection Live Alumni Debate Panels Alex Citurs Eastern Connecticut State University	Improving Information System Student Recruitment and Retention by Making Academic and Career Pathway Options Visible with Assistance of Role Models and Mentors Alex Citurs, Peter Ereshena, Buddy Kaiyala Eastern Connecticut State University

BEST PAPERS LUNCHEON (12:00 – 1:15 p.m.)

Location	Chair	12:25 to 12:45 p.m.	12:45 – 1:05 p.m.
GICC Lvl 1: Clipper	Brian Reithel	<p>BEST PAPER WINNER An Exploratory Study on Variances in Perceptions of Smart Home Technologies</p> <p>Thomas Mendoza, Georgia Southern University, Hayden Wimmer, Georgia Southern University Carl Rebman, University of San Diego</p>	<p>BEST PAPER HONORABLE MENTION Understanding Perceptions of Conceptual Information Technology Adaptive Learning</p> <p>Kamal Kakish, Cindy Robertson and Lorraine Jonassen Georgia Gwinnett College</p>

Location	Chair	1:30 – 1:45 p.m.	1:45 – 2:00 p.m.
GICC Lvl 1: Harbor	Mark Gilfand	<p>Modelling Learner’s Perseverance in Education Software</p> <p>Timothée Duron, Laurent Gallon, Philippe Aniorte LIUPPA (France)</p>	<p>Surfing the Rising Wave of Home Office Automation: Home Assistant, Z-Wave, YAML, and More</p> <p>Brian Reithel, The University of Mississippi</p>

Location	Chair	2:00 – 2:20 p.m.	2:20 – 2:40 p.m.	2:40 – 3:00 p.m.
GICC Lvl 1: Harbor	Tony LaCrosse	Replacing the Enterprise Resource Planning (ERP) Software at the Indianapolis International Airport Fred Kitchens Ball State University	Learning to Code as a Benefit to Society: Beyond Childhood Bart Garner The University of Mississippi	SDN vs. AWS: A cross-discipline study in preferences for teaching networking technologies Thomas Chapman, Johnny Snyder Colorado Mesa University

Location	Chair	3:00 – 3:20 p.m.	3:20 – 3:40 p.m.	3:40 – 4:00 p.m.
GICC Lvl 1: Harbor	Mark Gilfand	“And They Can Figure Out the Rest from Here:” An Exercise to Explore Communication Challenges in Systems Analysis and Design Jon Beard, Iowa State University Tim Peterson, North Dakota State University	Using Alumni Feedback to Assess and Evaluate a CIS Program Robert Mahaney, Jim Fisher Eastern Kentucky University	Computer Security Haruna Tatu Shuaibu Kogi Local Government Area of Kogi State, Nigeria

Location	Chair	4:00 – 4:20 p.m.	4:20 – 5:00 p.m.
GICC Lvl 1: Harbor	Thomas Chapman	Using Japanese Candlesticks in Interdisciplinary Research in IT, Math and Finance Adrian Heinz, Mohamed Jamalodeen, Lissa Pollacia Georgia Gwinnett College	Technical Writing Workshop for Educators: How to inform students on what they need to know Garry White Texas State University

2019 Conference Team

ISECON Conference Chair Brian Reithel	The University of Mississippi breithel@bus.olemiss.edu
Meeting Planner & Coordinator Kevin Jetton	Texas State University kj02@txstate.edu
ISECON Proceedings Editor Bart Garner	The University of Mississippi bgarner@bus.olemiss.edu
ISECON Proceedings Assistant Thomas Chapman	Colorado Mesa University tchapman@coloradomesa.edu
ISECON Proceedings Website David Fontenot	IT Symbiotics, Inc. david.fontenot@itsymbiotics.com
ISECON Finance and Accounting Mark Gilfand	Foundation for IT Education mark.gilfand@frontier.com
ISECON Finance and Accounting Tony LaCrosse	Foundation for IT Education tlacrosse@sbcglobal.net
ISECON Contract Administration Nita Adams	Foundation for IT Education nita.adams@comcast.net
ISECON Recruiting Support Thomas Chapman	The University of Mississippi tchapman@bus.olemiss.edu
ISECON Sponsor/Exhibitor Coordinator Tony LaCrosse	Foundation for IT Education tlacrosse@sbcglobal.net
ISECON Logistics and Journal Liaison Fred Kitchens	Ball State University fkitchens@bsu.edu
IJTISI Journal Editor-in-Chief Ali Kamali	Missouri Western State University kamali@missouriwestern.edu
Best Papers Awards Brian Reithel	The University of Mississippi breithel@bus.olemiss.edu
Registration System Brian Reithel	The University of Mississippi breithel@bus.olemiss.edu

An Invitation to Serve!

Are you interested in joining the conference team for either ISECON 2020 or USITCC 2020 and helping out next year? If so, please contact the ISECON 2019 Conference Chair, Brian Reithel (by email: breithel@bus.olemiss.edu or by phone: 662-816-3929) to express your interest. Your involvement in this innovative set of dual conferences would be sincerely appreciated!



ISECON 2019 Event Schedule

Thu 4/4/2019 – Sat 4/6/2019

Galveston Island Convention Center – Galveston Island, Texas

WIRELESS Meeting Space Internet: SSID: “San Luis Conference” Password: gicc5600

Date	Time	Function	Level: Room
04/04 Thu	4:00-7:00pm	Welcome “Regi-ception” (Registration/Reception)	1: GICC Foyer
04/05 Fri	7am-4:00pm	Registration, Exhibitors & Breaks	1: GICC Foyer
	7am-9:00am	Sponsor/Exhibitor Setup	1: GICC Foyer
	7:30-8:45am	Keynote breakfast presentation “Unleash Your Soft Skills” by Bob Graham, Serious Soft Skills, LLC	2: GICC Grand Ballroom A
	9am-noon	Conference Sessions & Workshops	1: GICC Harbor
	Noon-1:15pm	Best Papers Recognition Luncheon	1: GICC Clipper
	1:30-5:00pm	Conference Sessions & Workshops	1: GICC Harbor
	5:00-6:30pm	ISECON/USITCC Combined Networking Reception	San Luis Resort: Promenade Lawn
04/06 Sat	8:00am-4:00pm	ICCP Certification Exams	GICC: Spinnaker
	9am – 10 am	USITCC Breakout Session “Fraud Analytics Investigative Techniques & Methods” by T. Ekin, Texas State	GICC: Galleon I
	10:30–11:30 am	USITCC Breakout Session: “Data Analytics hands-on Workshop: Using R for Data Science” by T. Ekin, Texas State	GICC: Galleon I

