

**IIMA/ICITED 2018 Conference  
Prairie View A&M University**

**Monday, October 08, 2018**

**Location: PVAMU Main Campus 700 University Drive, Prairie View, Texas 77446**

7:30 a.m.

**Bus Pick up from Hotel - Hyatt Regency Houston/Galleria**

8:00 a.m. – 8:45 a.m.  
8:45 a.m. – 9:30 a.m.

**Registration and Refreshment**

**Welcome Address**

Professor. Emmanuel Opara - Conference Chair

Dean Munir Quddus - Prairie View A&M University – College of Business

**Keynote Speaker**

Professor Ian Allison

Topic: *Bringing Cutting Edge Science and Business Together: A Model for the University of the 21st Century*

**Venue: MSC Auditorium**

**Sessions 1 & 2**

9:30 a.m. – 10:45

**Session 1 Stream: Technological Innovations and Emerging Trends**

Location: MSC Rm 204 C

Session Chair: Hesam Shahriari

*Emerging Computing Technologies and Applications – Part 1 - Matthew Sadiku, Shumon Alam and Sarhan Musa*

*Topics and Trends in Industrial Internet of Things (IIoT)- A 10 Year Patent Data Outlook - Usharani Hareesh Govindarajan, Amy J.C. and Charles Trappey*

*Emerging Computing Technologies and Applications – Part 2 - Matthew Sadiku, Shumon Alam and Sarhan Musa*

**Session 2 Stream: Cybersecurity and Forensics**

Location: MSC 204 D

Session Chair: Pascal Ravesteijn

*End-users Compliance to Information Security Policy: A Comparison of Motivational Factors - Peter Straver and Pascal Ravesteijn*

*Memory Forensics – Putting Digital Forensics into Practice – The Changing Pattern on Cyber-Espionage - Emmanuel Opara and Soluade Oredola*

*A Multilayer Secured Messaging Protocol for REST-based Services - Idongesit Eteng and Oluwafemi Oluwaseun*

10:45 a.m. – 11:00 a.m.

**Break**

**Sessions 3 & 4**

11:00 a.m. – 12:15 p.m.

**Session 3 Stream: Organizational Culture & Technology & User Behavior**

Location: MSC Rm 204 C

Session Chair: Camille Gibson

*The Psychology of Passwords and Addressing Related Poor Behaviors - Camille Gibson and Ainsley Gibson*

*Team Performance in Information Systems Enabled Organizations - Jaymeen Shah, Hsun-Ming Lee, Ju Long and Peiqin Zhang*

*Data Breach and the Blame Games - Qiang Fei*

**Session 4 Stream: E-Learning and IT Curriculum**

Location: MSC Rm 204 D

Session Chair: Shahedur Rahman

*Enhancing IT Skills via Communities of Learning and Practice - Ahmed Mahfouz*

*Experimental Learning Using Financial Information Technology - Yi Zhang*

*Experience of Integrating an SAP Enterprise Systems Curriculum - Ahmed Mahfouz and Emmanuel Opara*

12:30 p.m. – 2:00 p.m.

**Lunch: MSC Rm 204**

**Keynote Speaker**

Dr. Mohamed Chouikha

Topic: *Cybersecurity Present and Future: Is there a need for a Science of Cyber Security*

<b>Sessions 5 &amp; 6</b> 2:00 p.m. – 3:30 p.m.	<b>Session 5 Stream: Social Networking</b> Location: MSC Rm 204 C Session Chair: Mahesh Vanjani	<b>Session 6 Stream: Cybersecurity and Forensics</b> Location: MSC Rm 204 D Session Chair: Ahmed Mahfouz
	<i>A Study on Attitude Toward Facebook and Facebook Use by University Students in Guam</i> - Sathasivam Mathiyalakan, George Heilman, Kevin K.W. Ho and Wai Law	<i>A Conceptual Model for DevSecOps in Cloud-enabled Delivery</i> - James Jenkins
	<i>Social Media for Crisis Management in Underserved Communities: Design Considerations</i> - Modupe Ojumu, Omolola Gbade-Oladiran and Louis Ngamassi	<i>Application of Huffman Data Compression Algorithm in Hashing Computation</i> - Lakshmi Narasimha Devulapalli Venkata and Mustafa Atici
	<i>Gen Y and Gen Z College Students</i> - Mahesh Vanjani	<i>Users' Input Validation in Websites Security Analysis</i> - Izzat Alsmadi
	<i>The Impact of the Web and Social Media on Nonprofits' Performance</i> - Namchul Shin	<i>Implementing Network Monitoring in a Hybrid IT Environment</i> - Mark Mcdougald
3:30 p.m. – 3:45 p.m.	<b>Break</b>	
<b>Sessions 7 &amp; 8</b> 3:45 p.m. – 5:15 p.m.	<b>Session 7 Stream: IT for Economic Development and E-Govt</b> Location: MSC Rm 204 C Session Chair: Mohammed Hussein	<b>Session 8 Stream: E-business</b> Location: MSC Rm 204 D Session Chair: Louis Ngamassi
	<i>Factors Influencing Mobile Government (m-government) Adoption in Nigeria</i> - Abel Usoro, Anietie Ekanem and Olugbenga Adejo	<i>Exploring Critical Drivers of Collaborative Commerce</i> - C. Christopher Lee, Rebecca Lee, Laura Dutil and Youngseon Kim
	<i>Modeling and Simulation of Low-Cost and High-Efficiency Solar Cells for the Microgrid</i> - Ali Husainat, Warsame Ali, John Attia, Penrose Cofie, Matthew Sadiku and Sarhan Musa	<i>Project Service Automation for Customer Relationship Management</i> - Huei Lee and Kuo Lane Chen
	<i>Factors Influencing the Adoption of Building Information Modelling in Africa: A Case Study of Ghanaian Construction Industry</i> - Gideon Ayim-Mensah, Isaiah Ewuzie, Olugbenga Adejo, Bassey Orok and Abel Usoro	<i>Factors Affecting Online Streaming Subscriptions</i> - C. Christopher Lee, Pankaj Nagpal, Sinead Ruane and Hyoun-Sook Lim
	<b>FACT Act: Federal/State Privacy &amp; Security Identity Theft Laws:</b> David Allen	<i>Blockchain-Based Healthcare: Three Successful Proof-of-Concept Pilots Worth Considering</i> - Rebecca Angeles
5:15 p.m. – 5:30 p.m.	<b>Networking Break</b>	
5:30 p.m. – 7:00 p.m.	<b>Conference Dinner: MSC Rm 204</b>	
7:15 p.m.	<b>Bus returns to Hotel</b>	

## IIMA/ICITED Conference

**Tuesday, October 09, 2018**      **Location: PVAMU Northwest Center - 9449 Grant Rd., Houston, TX 77070**      **[713] 790-7146**

8:00 a.m.	<b>Bus pick up from Hotel</b>	
8:45 a.m. – 9:30 a.m.	<b>Welcome Address: Dr. Tyrone Tanner – Executive Director, PVAMU Northwest Center</b> <b>Coffee and Refreshment</b>	
<b>Sessions 1 &amp; 2</b> 9:30 a.m. – 10:45 a.m.	<b>Session 1 Stream: <i>Cloud and Mobile Computing</i></b> Location: PVAMU Northwest Campus – Room 204 Session Chair: Shoshana Altschuller	<b>Session 2 Stream: <i>Big Data and Analytics</i></b> Location: PVAMU Northwest Campus – Room 107 Session Chair: Ramesh Subramanian
	<i>Exploring Simulated Virtual Environments Through Sococo Virtual Office</i> - Shoshana Altschuller and Raquel Benbunan-Fich	<i>Data Mining Blockchain Ledgers and Exploring Cryptocurrencies</i> - Conrad Manske, Keith Sparling and Ramesh Subramanian
	<i>Load Balancing Mechanism in On-premises and Cloud Infrastructures: A Case Study</i> - Isaiah Ewuzie, Olugbenga Adejo, Bassey Orok, Gideon Ayim-Mensah and Abel Usoro	<i>Develop a Recommendation System for Smart Patent Search Using NLP Algorithms</i> - Amy J.C. Trappey, Charles Trappey and H. I. Hsieh
	<i>Information Security Perspectives on Moving to the Cloud: An Ethnographic Story</i> - James Jenkins	<i>Bioinformatics Data Mining - Help Wanted</i> - Brian Baker, Beth Fioretta and Ramesh Subramanian
10:45 a.m. – 11:00 a.m.	<b>Break</b>	
<b>Sessions 3 &amp; 4</b> 11:00 a.m. – 12:15 p.m.	<b>Session 3 Stream: <i>Technological Innovations and Emerging Trends</i></b> Location: PVAMU Northwest Campus – Room 204 Session Chair: Robert P. Schumaker	<b>Session 4 Stream: <i>Big Data and Analytics</i></b> Location: PVAMU Northwest Campus – Room 107 Session Chair: Xin James He
	<i>Microgrids Technology for Enhancement of Voltage Profile and Loss Reduction of Power Distribution System</i> - Philip Adebo, Cofie Penrose, Matthew Sadiku, Sarhan Musa, Justin Forman	<i>Crude Oil Price Prediction with Decision Tree Based Regression Approach</i> - Engu Chen and Xin James He
	<i>Irony of the FAERS Database: An Analysis of Data Input Errors and Potential Consequences</i> - Michael A. Veronin, Robert P. Schumaker, Rohit R. Dixit and Morgan Ogwo	<i>Mining Useful Information from Big Data through Semantic-based Process Modelling and Analysis</i> - Kingsley Okoye
	<i>Blockchain Technology – Principles and Application Status</i> - Frank Lin, Conrad Shayo and Hoang Phan	<i>Data Mining and U.S. Politics</i> - Lulzim Ameti, Timothy McCarthy and Ramesh Subramanian
12:30 p.m. – 2:00 p.m.	<b>Lunch: PVAMU Northwest Campus – Room 107</b> <b>Keynote Speaker</b> Dr. Dave Clark Topic: <i>Defending Hospitals Against Life Threatening Cyber Attacks</i>	

<b>Sessions 5 &amp; 6</b> 2:00 p.m. – 3:30 p.m.	<b>Session 5 Stream: <i>Organizational Culture &amp; Technology and User Behavior</i></b> Location: PVAMU Northwest Campus – Room 204 Session Chair: Diana Boekman	<b>Session 6 Stream: <i>Cybersecurity and Forensics</i></b> Location: PVAMU Northwest Campus – Room 107 Session Chair: Alison Munsch
	<i>Using Information Management to Reduce Workload</i> - Diana Boekman	<i>Data Authentication and Security: A Panacea for Effective Financial Statements Auditing</i> - Aniefiok Williams
	<i>Development of Online Collaborative Tool for Research and Innovation in the University</i> - Idongesit Eteng and Samuel Oladimeji	<i>What are Taught by Instructors vs. What are Wanted by Employers: A Content Analysis on Cybersecurity Course Syllabus and Cybersecurity Job Advertisements</i> - Shaoyi He, Frank Lin and Jake Zhu
	<i>Viewing Disaster Management through the Actor-Network Theory</i> - Shahedur Rahman, Thiagarajan Ramakrishnan and Louis Ngamassi	<i>The Future of Application Programming Interface (API) Security</i> - Alison Munsch and Peter Munsch
	<i>Privacy vs. Security</i> - Na Li	<i>Towards Implementing NICE Framework in Cyber Security Programs</i> - Izzat Alsmadi
3:30 p.m. – 3:45 p.m.	<b>Break</b>	
<b>Sessions 7 &amp; 8</b> 3:45 p.m. – 5:00 p.m.	<b>Session 7 Stream: <i>Technological Innovations and Emerging Trends</i></b> Location: PVAMU Northwest Campus – Room 204 Session Chair: Jaymeen Shah	<b>Session 8 Stream: <i>E-Learning and IT Curriculum</i></b> Location: PVAMU Northwest Campus – Room 107 Session Chair: Thiagarajan Ramakrishnan
	<i>Internet of Things and Customer Relationship Management</i> - Rene Boekman	<i>Enhancing Learning Experiences in an Accounting Information Systems Course with a Community-Engagement Project</i> - Minnie Yen and Wei-Ying Hsiao
	<i>The Relationship Between Business Process Management and Innovation in a Consultancy and Insurance Company</i> - Mark de Groot, Jakobus Smit and Pascal Ravesteyn	<i>Active Learning Space Design and Implementation: Practices Done on a Campus and Questions Answered in a Survey</i> - Michael Chen, Jake Zhu and Shaoyi He
	Access Control & Identity Management for the Internet of Things [IOT] Kelechi Eze	The Decline of Management Information System Programs (MIS) at Prairie View A&M University: Mohammed Hussein & Emmanuel Opara
5:00 p.m. – 5:30 p.m.	<b>IIMA Meeting</b>	
	<b>ICITED Meeting</b>	
5:30 p.m. – 7:00 p.m.	<b>Dinner</b>	
7:00 p.m.	<b>Bus returns to Hotel</b>	

## IIMA/ICITED Joint Conference

**Wednesday, Oct 10, 2018**      **Location: PVAMU College of Nursing, 6436 Fannin Street, Houston 77030**      **[713] 797-7000**

7:30 a.m.	<b>Bus pick up from Hotel</b>	
8:00 a.m. – 8:30 a.m.	<b>Coffee and Refreshment</b> <b>Auditorium Rm 136</b> <b>Welcome Address</b> Professor Betty Adams – Dean College of Nursing	
<b>Sessions 1 &amp; 2</b> 8:30 a.m. – 9:45 a.m.	<b>Session 1 Stream: Medical Informatics and Healthcare IT</b> Location: Rm 134 Session Chair: Gerhard Steinke	<b>Session 2 Stream: Medical Informatics and Healthcare IT</b> Location: Rm 135 Session Chair: Emmanuel Opara
	<i>Robots in Elder Care – Security, Privacy and Policy Issues: A Multi-Nation Study</i> – Ramesh Subramanian and Gerhard Steinke	<i>Securing Medical Devices using Security Best Practices</i> - Peter James and Sarhan Musa
	<i>Smart Planning Systems Using Building Information Modelling: Enhancing the Building Permitting Processes in Ghana</i> – G. Mensah, Isaiah Ewuzie, O. Adejo, Bassey Orok, Abel Usoro	<i>Information Literacy Skills and the Utilization of Information Resources by Public Health Workers in Federal Neuro-Psychiatric Hospital, Calabar</i> - Aniebiet I, Robert and E. Offon
	<i>A Decision Tree Analysis of Opioid and Prescription Drug Interactions Leading to Death Using the FAERS Database</i> - Rohit R. Dixit, Robert P. Schumaker and Michael A. Veronin	<i>Leveraging Multi-Stakeholder Networks in Mainstreaming ICTs into Agricultural Research and Development: Lessons for developing economies</i> - Olugbenga Adejo, E. Etowa and A. Mbang
9:45 a.m. – 10:00 a.m.	<b>Break</b>	
<b>Sessions 3 &amp; 4</b> 10:00 a.m. – 11:15 p.m.	<b>Session 3 Stream: IT for Economic Development and E-Government</b> Location: Rm 134 Session Chair: Abel Usoro	<b>Session 4 Stream: Cybersecurity and Forensics</b> Location: Rm 135 Session Chair: Sarhan Musa
	<i>Security of Cyberspace and Electronic Resources in Academic Libraries: A Case Study of Universities in South Region of Nigeria</i> - Eno	<i>Cyber Capability Planning</i> - Tony Coulson Use My Digital Forensics Tool ---Its Shiny Vincent Nestler
	<i>A Legal Perspective of E-contract: Situating the Nigerian Position in the Matrix of the Emerging Global Trends</i> - Roland Akindele	<i>Utilization of Information and Communication Technology (ICT) and Library Operations in State University Libraries in South-South Nigeria</i> – E. Omini
	<i>Technological Innovations for Sustainable Development: A Case of e-Government in Lagos State</i> - Sola Oni	<i>Exploring ICT Applications among Healthcare Providers in Nigerian Tertiary Hospitals</i> – Mohammed Adamu and Opele Kehinde
	<i>IOT Based Residential Electricity Monitoring System</i> - Kosisochukwu Ejimonu	

11:30 a.m. – 1:00 p.m.	<b>Lunch: Auditorium Rm 136</b> <b>Keynote Speaker</b> Mr. Ned Penley Topic: <i>Developing Space Exploration Systems - An Adventure in Information Management</i>	
1:00 p.m. – 5:00 p.m.	<b>NASA Tour</b>	

