Innovation Seminar and Networking Series

September 12, 2017
Erma Ora Byrd Auditorium
"Intuition + Analytics⇨Innovation"
Presented by Dr. Jay Liebowitz,
Distinguished Chair of Applied Business and Finance
Harrisburg University of Science and Technology

October 10, 2017
Robert C. Byrd Center for Congressional History & Education
"Knowledge Management, Trust, and Innovation"
Presented by Dr. Joanna Paliskiewicz, Professor
Faculty of Economic Sciences
Warsaw University of Life Sciences, Poland

November 14, 2017
Robert C. Byrd Center for Congressional History & Education
"Business Process Mining for Innovation"
Presented by Dr. Jan Vanthienen, Chaired Professor
Department of Decision Sciences and Information Management
KU-Leuven, Belgium

Tuesdays

4:30 – 5:30 Seminar and Q&A

5:30 – 6:00 Hors d'Oeuvres/Networking

Sponsored by the Shepherd University President's Club

Trust, Knowledge Management, and Innovation

Joanna Paliszkiewicz, Professor
Warsaw University of Life Sciences – SGGW, Faculty of Economic Sciences

- Highlights –

Editor: Issues in Information Systems
Author**:** Trust and Social Media
Award: 2013 IACIS Computer Educator of the Year

Knowledge is a crucial resource that enables organizations to operate, to learn, and to grow. Knowledge plays a critical role in efficiency, competitiveness, and innovation. Trust creates an opportunity to deal with the complexity of the world. It represents how much risk we are willing to accept in exchange for benefits from interactions with others. Trust is a key ingredient in the process of knowledge management and for generating commitment and action among members of groups and organizations. Without trust people will not be able to share and manage knowledge or to energize innovation.

The purpose of this presentation is to show how trust, knowledge management, and innovation are intertwined and interdependent. The proposition how to build the high-trust organization, in which groups, teams, and people in general share knowledge and create or innovate, will be presented and the ideas for where future research in this area is headed will be described.

Dr. Joanna Paliszkiewicz is a Professor of the Warsaw University of Life Sciences SGGW and also adjunct professor at the University of Vaasa in Finland. Dr. Joanna Paliszkiewicz is well-recognized in Poland and abroad for her expertise in key management issues: knowledge management, trust management, and social media. She has published over 150 papers and 5 books. Her recent book was written together with Dr. Alex Koohang issued and published in 2016 and is entitled "Trust and social media: A multinational study of university students".

Currently, Dr. J. Paliszkiewicz serves as the editor of Issues in Information Systems and the deputy editor-in-chief of the international journal, Management, and Production Engineering Review. She is the Vice President of the Polish Association for Production Engineering and Information Technology & Supply Chain Management Association. She also serves as chair of the committee: International Cooperation in European Business Club and Chair of the Peer Court in Scientific Association for Business Informatics. Dr. Joanna Paliszkiewicz serves as the Secretary at the International Association for Computer Information Systems.. In addition, she serves as a member of the editorial board of several reputable and high-impact international journals such as Expert System with Application. Dr. Paliszkiewicz has successfully supervised Ph.D. students leading them to completion of their degrees. She has also served as an external reviewer for several Ph.D. students in Poland and Finland. She was chair of the scientific committee of the International Farm Management Congress IFMA 19, which was held in July 2013 at the Warsaw University of Life Sciences - SGGW. IN 2013, Prof. Paliszkiewicz was named the Computer Educator of the Year by IACIS.

Intuition + Analytics ⇨ Innovation

Jay Liebowitz, Distinguished Chair of Applied Business and Finance, Harrisburg University of Science and Technology

- Highlights -

Editor: Expert Systems with Applications
Author: Intuition, Trust, and Analytics
Award: 2017 Fulbright Research Chair in Business in Canada

In today's era of big data and analytics, often intuition has been downplayed. However, recent studies have shown that intuition continues to play a key part in executive decision making. In addition, intuition has shown to be a necessary component for at least the front-end process of innovation. In order to stimulate innovation and creativity, "rational intuition" (the combination of intuition and data-driven analysis) may be the right path for creating new ways of thinking. This presentation will highlight intuition-based decision making and its role in analytics and innovation.

Dr. Jay Liebowitz is the Distinguished Chair of Applied Business and Finance at Harrisburg University of Science and Technology. He previously was the Orkand Endowed Chair of Management and Technology in the Graduate School at the University of Maryland University College (UMUC). He served as a Professor in the Carey Business School at Johns Hopkins University. Of the more than 11,000 knowledge management researchers / practitioners worldwide, he has been consistently ranked one of the top 10, and in January 2010 was ranked #2 according to the Journal of Knowledge Management. At Johns Hopkins University, he was the founding Program Director for the Graduate Certificate in Competitive Intelligence and the Capstone Director of the MS-Information and Telecommunications Systems for Business Program, where he engaged over 30 organizations in industry, government, and not-for-profits in capstone projects.

Dr. Liebowitz is recognized as the first Knowledge Management Officer at NASA Goddard Space Flight Center. Before NASA, Dr. Liebowitz was the Robert W. Deutsch Distinguished Professor of Information Systems at the University of Maryland-Baltimore County, Professor of Management Science at George Washington University, and Chair of Artificial Intelligence at the U.S. Army War College.

Dr. Liebowitz is the Founding Editor-in-Chief of Expert Systems With Applications. He is a Fulbright Scholar, IEEE-USA Federal Communications Commission Executive Fellow, and was named IACIS Computer Educator of the Year 1996. In October 2011, the IACIS named the best student research paper award at the IACIS Annual Conference, the "Jay Liebowitz Student Research Award" He has published over 40 books and a myriad of journal articles on knowledge management, analytics, intelligent systems, and IT management.

Business Process Mining for Innovation

Jan Vanthienen, Chaired Professor, Department of Decision Sciences and Information Management, KU Leuven, Belgium

- Highlights -

Author: A Vocabulary and Execution Model for Declarative Business Process Modeling;
President-Elect of the Benelux Association for Information Systems (BENAIS);
Awards: IBM Faculty Award

The abundance of data and the rise of new quantitative and statistical techniques have created a promising area: data analytics, which in turn leads to new and innovative forms of data-driven decision making. The applications are already infiltrating numerous various business areas, such as marketing, finance, human resources, quality assurance, …

With the increased digitization of society, even more (big) data are ready to be explored. The storage of these huge amounts of real-time provides a new area of inquiry. We now have process-related data about the sequence of events that take place in all types of electronically registered processes and decisions: business processes, medical processes, service processes, learning processes, etc. This new perspective allows us to exploit this wealth of data in order to evaluate efficiency, assess compliance, improve the process, analyze and model the underlying decision knowledge and leads to a new set of analyses to drive innovations for the digital enterprise.

Dr. Jan Vanthienen hold the rank of full professor of information systems at KU Leuven (Belgium), Department of Decision Sciences and Information Management, where he is researching on business intelligence, analytics, business rules, processes & decisions.

Jan has built extensive expertise in the areas of decision & process mining, modeling and analytics, with applications in e.g. healthcare (care flow processes), audit & risk management (rule-based conformance checking), finance & insurance, and education. He is a founding member of the Leuven Institute for Research in Information Systems (LIRIS) and (co-) chair holder of a number of industry-sponsored research academic chairs. He is actively involved in the Decision Modeling & Notation standard (DMN) at OMG and he is also member of the IEEE task force on process mining.

Jan has published more than 200 full papers in reviewed top international journals or conference proceedings, and received an IBM Faculty Award in 2011 on smart decisions. He is co-founder and president-elect of the Benelux Association for Information Systems (BENAIS).