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Department of Information Systems and Supply Chain Management
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EDUCATION

- University of Arkansas, Fayetteville, USA** 2015 - 2020
Ph.D., Information Systems (2020)
Dissertation: *Outcomes of Platform Openness in Complementary Markets*
Committee Chair: Dr. Pankaj Setia
- Ecole Polytechnique (X), Palaiseau, France** 2014 – 2015
M.S., Computer Science
Design, Modeling and Architecture of Complex Industrial Systems
(COMASIC)
Thesis: *Architecture & Test of Open Services for Lifecycle Collaboration (OSLC) Solutions*
- Pohang University of Science and Technology (POSTECH),
Pohang, South Korea** 2014 - 2014
M.S., Mechanical Engineering
Exchange Student
- University of Technology of Troyes (UTT), Troyes, France** 2010 – 2014
B.S., Mechanical Engineering and Computer Science
Thesis: *Migration towards Product Lifecycle management (PLM)*

ACADEMIC EXPERIENCE

- University of Arkansas, Fayetteville, USA** 2015 – 2020
Graduate Assistant/Instructor, Information Systems Department

INDUSTRY EXPERIENCE

- Institute for Technological Research SystemX, Palaiseau, France** 2015 – 2015
Internship for the implementation of Open Services Lifecycle Collaboration (OSLC) standard to support the development lifecycle of railway platforms
- CHEREAU, Avranches, France** 2013 – 2014

Product Lifecycle Management (PLM) internship for the deployment of SAP PLM in the company

RESEARCH INTERESTS & METHODS

Topics

Mobile Platforms, Open Source, Business Value of IT, Knowledge Management, Healthcare, NeuroIS, IT Governance, IT Architecture, IT Innovation, Business Analytics, Cybersecurity.

Methodologies & Analyses

Natural Language Processing, Machine Learning, Deep Learning, Text Analytics, Panel Data Models, Econometrics, Social Network Analysis, Experiments, Hierarchical Linear Models, Survey, Meta-Analysis.

TEACHING INTERESTS

Business Analytics, Machine Learning, Software Development, System Analysis & Design, Database, Big Data Analytics, Enterprise Resource Planning, Cybersecurity.

JOURNAL PUBLICATIONS

- Soh, F., and Grover, V. 2020. "Effect of Release Timing of App Innovations based on Mobile Platform Innovations," *Journal of Management Information Systems*, 37(4), 957-987.
- Nikkhah, H. R., Soh, F., Hodges, B., and Sabherwal, R. 2020. "Team Performance and Triangle Approach: A Longitudinal Study," *Journal of Computer Information Systems*, 1-10.
- Setia, P., Soh, F., and Deng, K. 2020. "Platformizing Organizations: A Synthesis of the Literature," *Oxford Research Encyclopedia of Business and Management*.

CONFERENCE PUBLICATIONS & PRESENTATIONS

- Soh, F., Deodhar, S., and Setia, P. "Leadership in Social Media during Periods of Crisis," *Decision Sciences Institute (DSI) 51st Annual Conference*, 2020.
- Soh, F., and Grover, V. "Mobile App Startups and New Entry Threats: The Role of Performance Signals," *Decision Sciences Institute (DSI) 51st Annual Conference*, 2020.
- Soh, F., and Setia, P. "IT Infrastructure Provisioning and IT Infrastructure Governance," *39th International Conference on Information Systems (ICIS)*, San Francisco, California, 2018.
- Soh, F., Large, J., and Hodges-McDaniel, B. "A Portfolio of Knowledge Integration Mechanisms in Open Ecosystems," *24th Americas Conference on Information Systems (AMCIS)*, New Orleans, Louisiana, 2018.
- Nikkhah, H. R., Soh, F., Hodges-McDaniel, B. and Sabherwal, R. "IT and Knowledge in Teams: A Longitudinal Study," *24th Americas Conference on Information Systems (AMCIS)*, New Orleans, Louisiana, 2018.
- Hodges-McDaniel, B., Soh, F., and Nikkhah, H. R., "Information Systems Development Performance" A Longitudinal Study," *Big12++ MIS Symposium*, Stillwater, Oklahoma, 2018.

- Setia, P., and Soh, F. “Using Reductionism and Reconstructivism to Leverage Neuroscience for Building Social Theories,” *8th Annual Interdisciplinary Symposium on Decision Neuroscience (ISDN)*, Ann Arbor, Michigan, 2018.
- Soh, F., and Setia, P. “Impact of Fit and Lack of Fit between IT Infrastructure Components on IT Spending Returns,” *Conference on Information Systems & Technology (CIST)*, Houston, Texas, 2017.

SERVICES AND DEVELOPMENT

- Reviewer for MIS Quarterly, and IJEC (2021)
- Session chair for DSI (2020)
- Associate editor ICIS (2020)
- Conference reviewer for ICIS (2017, 2018, 2019, 2020)
- Conference reviewer for CIST (2017, 2018)

WORKSHOPS ATTENDED

- MIS Quarterly Author Development Workshop (2018 and 2020)
- SAS Enterprise Miner and Text Miner (2017)
- ERPSim (2017)

CERTIFICATIONS

- ERPSim (2017)

PROFESSIONAL AFFILIATIONS

- Association of Information Systems (AIS)

TEACHING EXPERIENCE

Course Instructor

Semester	Course	Student Evaluation (5.0 scale)
Spring 2021	ISM210 01 – Principles of Business Analytics	3.99
Spring 2021	ISM646 03 – Visualizing Data-Design Strategy	4.29
Fall 2020	ISM672 02 – Application Design and Programming	3.94
Fall 2020	ISM672 03 – Application Design and Programming	4.11
Spring 2020	ISYS 3393 003 – Business Appl Development	4.22
Fall 2018	ISYS 3393 003 – Business Appl Development	4.24
Fall 2017	ISYS 3393 003 – Business Appl Development	4.22
Fall 2017	ISYS 3393 002 – Business Appl Development	4.23
Spring 2017	ISYS 3393 002 – Business Appl Development	3.84

Teaching Assistant

Semester	Course
Spring 2018	ISYS 4233 003 – Seminar in ERP Development
Spring 2018	ISYS 4233 002 – Seminar in ERP Development
Spring 2016	ISYS 4363 002 – Business Project Development
Spring 2016	ISYS 4213 002 – ERP Fundamentals
Spring 2016	ISYS 4213 003 – ERP Fundamentals
Spring 2016	ISYS 4213 901 – ERP Fundamentals

ACADEMIC AWARDS & HONORS

- Recognition of Faculty Excellence in Research and Creative Activity (University Level) – 2021
- AMCIS Doctoral Consortium – 2018
- Recognition for Top Students at the University of Technology of Troyes (UTT) – 2015

SKILLS

- **Business Analytics:** SAS Enterprise Miner, SAS Text Miner, SAP Predictive Analytics
- **Programming:** VB, C#, Java EE, Java SE, C, C++, HTML/CSS, PHP, Verilog HDL, CUDA Programming, JavaScript, Fortran, Python, Shell UNIX, Android
- **Statistical Software:** Anaconda Python, R, STATA, SPSS, SAS
- **Enterprise Resource Planning:** SAP, ERPSim
- **Database:** MySQL, Microsoft Access, Oracle
- **Social Network Analysis:** UCINET

REFERENCES

Dr. Varun Grover

Distinguished Professor

David D. Glass Endowed Chair in Information Systems

Sam M. Walton College of Business

University of Arkansas

Fayetteville, AR 72701

(479) 575-4500

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Dr. Pankaj Setia

Full Professor

Founding Chair, Center for Digital Transformation

Indian Institute of Management (IIM),

Ahmedabad

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Dr. Rajiv Sabherwal

Distinguished Professor

Department Chair of Information Systems

Edwin & Karlee Bradberry Chair in Information Systems

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