

Editors' Comments

Dear Readers,

In collaboration with SIM, MISQE holds an annual pre-ICIS workshop on a special topic. This year's topic is the business and organizational impact of digital data streams. Digital Data Stream refers to the continuous encoding and transmission of digital data related to a class of events. Examples include the movement of soccer players or the geolocation of merchant ships. The Internet of Things and the Quantified Self are accelerating the proliferation of digital data streams. The workshop will feature state-of-the-art presentations on how businesses can create value from digital data streams. Gabriele Piccoli, Richard Watson, and Federico Pigni are the workshop chairs and the special issue senior editors for the December 2016 special issue. Please join us for an exciting day of presentations and discussion. The workshop will be held on Saturday, December 12 from 10:00 to 5:00 at the Omni Hotel in Fort Worth, Texas. Please mark your calendars for a great event!

In this issue, we have two case study articles and an interview piece. The first case study, titled "Role of Information Systems in Empowering Innovation Networks", tackles a topic of great relevance to many companies today, and in particular, to small and medium-sized companies in industries that thrive on innovation. The case study describes the growth and management of open innovation networks consisting of many small and medium-sized companies that innovate together in the creation of new products. Drawing lessons from a medical device innovation network comprised of 35 team members in 7 companies across 3 countries, authors Sven-Volker Rehm (Otto Beisheim School of Management, Germany), Lakshmi Goel (University of North Florida, USA), and Iris Junglas (Florida State University, USA) explain how the innovative network was formed, how collaboration took place, and how processes were developed to enable the network to scale and scope. The case study highlights the role of IS infrastructure, and the role of the CIO, in enabling the growth and management of the innovation network. For academics and practitioners interested in innovation networks and open innovation, the case offers a great story of how to use IS infrastructure to create innovation networks.

The second case study, titled "How Schlumberger Achieved Networked Information Leadership by Transitioning to a Product-Platform Software Architecture" by Joseph J. Nehme (HEC Paris, France), Shirish C. Srivastava (HEC Paris, France), Horacio Bouzas (Schlumberger, USA), and Laurent Carcasset (France) describes how Schlumberger embedded a geological modeling software into its collaborative open software platform, thereby transitioning to a cutting-edge product-platform software architecture. An earlier version of this paper was one of the finalists in the 2014 Society of Information Management (SIM) academic paper competition. The SIM paper competition is an annual event. Two distinctions of this paper competition are that the papers must be of relevance to the practice of IT and one of the authors must be a practitioner. The finalists are chosen by a panel of academics and practitioners who evaluate the papers along the criteria of innovativeness, impact, implementation, re-applicability, and readability.

Our final paper in this issue is an interview piece. In the March issue, we published an interview of Brian Donovan, an executive coach specializing in working with IT professionals, conducted by Michael Milovich, a current PhD student at Baylor University with over 15 years experience as a senior IT executive. Within 4 months, the interview had been downloaded over 250 times. We are pleased to offer another interview piece, this time of Phil Weinzimer, acclaimed author and speaker focusing on IT transformation. The interview focuses on the competencies and supporting skills needed by CIOs who want to become more strategic in their organizations.

I hope you enjoy this issue.

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