IT governance or enterprise governance of IT is an integral part of corporate governance and addresses the definition and implementation of processes, structures and relational mechanisms in the organization that enable both business and IT people to execute their responsibilities in support of business/IT alignment and the creation of business value from IT-enabled business investments. The Minitrack is introduced in 2002. The goal is to enhance publications on the issue of IT governance and its mechanisms.

1. “How business strategy and changes to business strategy impact the roles and tasks for CIOs: an evolutionary model”, by Tomi Dahlberg, Päivi Hokkanen & Mike Newman, Abo Akademi University, Turku School of Economics & Manchester Business School (Finland & England). The authors modified and validated Leavitt’s model to describe factors that shape the roles and tasks of CIOs over time, industries and technologies. The study reveals that CIOs’ level roles and tasks have changed significantly during the last four decades and that the generic organizational role of the CIO has remained unchanged.

2. “The CIO leadership mosaic – results from a qualitative survey in the Silicon Valley and San Francisco Bay Area”, by Karsten Zimmermann, Jurate Petrikina & Nils Schröder, University of Hamburg (Germany). This paper develops a new holistic research approach – the CIO Leadership Mosaic – to incorporate the most relevant dimensions of the CIO role. Using a qualitative survey this new approach is tested. As a result three cross-dimensional characteristics of CIOs are identified: innovation, ecosystem and leadership.

3. “The architect’s role in business-IT alignment and IT governance”, by Heinz-Theo Wagner, German Graduate School of Management & Law (Germany). This paper focuses on the essential competencies of an IT architect in order to foster business-IT alignment. An exploratory case study is used interviewing business people as well as IT architects. According to the interviewees the most important competency of an IT architect is broad work experience in the relevant field.

4. “Dotting the I and crossing (out) the I in IT governance: new challenges for information governance”, by Hans Borgman, Hauke Heier & Bouchaib Bahli, ESC Rennes & Accenture (France & Germany). The purpose of this paper is to explore the factors influencing information governance and particularly the role of new challenges such as cloud-based services, boundary-crossing use of data and new system development practices. In order to do this, an information governance maturity framework is proposed and tested. An interesting finding is that information governance maturity trails a firm’s process, application and infrastructure architecture maturity.