

The Relevance of Organization Theory to the Field of Business and Information Systems Engineering

DOI 10.1007/s12599-008-0027-y

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Abstract

Information and communication systems (ICS) impact their organizational environment in significant ways; hence, the design, implementation, and use of ICS are inseparably linked to fundamental issues of organizational design and behavior. Current research in the field of business and information systems engineering (BISE), however, is primarily technology- or practice-oriented and concerned with the construction and validation of prototypes, whereas little attention is paid to theoretical insights into organizational phenomena and relationships. In this paper, we argue that paying more attention to organization theory would provide valuable guidance in addressing the close links between ICS on the one hand, and organizational systems on the other. To support our argument, we refer to selected theoretical perspectives and highlight their potential relevance to the BISE field.

Keywords

Information and communication systems – Organization theory – Organizational design – Organizational behavior – System design and implementation

Citation

Picot A, Baumann O (2009) The Relevance of Organization Theory of the Field of Business and Information Systems Engineering. *Bus Inf Sys Eng* 1(1):62-69

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