Temporal Structures Supported by Electronic Calendaring Systems

Emergent Research Forum Paper

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Abstract

This research examines the complex temporal structures that individual professionals experience and manage in their electronic calendar tools. Its focus is on understanding the relationship between the quality of individual time management and an individual’s understanding and use of temporal structures afforded by electronic calendar systems. This work consists of a field study which examines the hypotheses developed from a literature review on the impact and role of time in people’s work lives. A theoretical research model is proposed and tested using partial least squares (PLS) technique to examine the relationships between the key survey constructs. Significant relationships between the quality of individual time management and various temporal structures were discovered and also indicate that temporal structures can be a new design component for today’s emerging electronic calendar systems.