

## Preface

Users and organizations collect data in various structured and unstructured digital formats, but they cannot fully utilize these data to support content and resource management process. It is evident that the analysis and interpretation of the available data needs to be automated, in order for large data volumes to be transformed into operational knowledge. Events are particularly important pieces of knowledge, as they represent activities of special significance both for users and organisations. Therefore, the recognition of events is of utmost importance. Consider, for example, automatic event (e.g. emergencies) and trend detection by analysing users contributions to social Web 2.0 applications, the recognition of attacks on nodes of a computer network given the exchanged TCP/IP messages, the recognition of suspicious trader behaviour given the transactions in a financial market, and the recognition of various types of cardiac arrhythmia given electrocardiographs. The current proceedings include papers focusing on various aspects of event recognition, including analysis of video, audio, text and other sensor data, as well as recognition on fused data sources and temporal reasoning systems.

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