



## Research Talk by

**Prof Dr Wil van der Aalst**  
**w.m.p.v.d.aalst@tue.nl**  
**Faculty of Computer Science**  
**TU Eindhoven**



on

**Process Mining:**  
**Beyond Business Intelligence**



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**Humboldt-Universität zu Berlin**  
**Institut für Wirtschaftsinformatik**  
**Raum 125, 1.OG**  
**Spandauer Str. 1, 10178 Berlin**

**ABSTRACT:** Process mining enables organizations to extract non-trivial and useful process information from so-called "event logs". BPM systems, but also other process-aware information systems, record business events in databases, transaction logs, audit trails, etc. Today there are powerful tools to extract process models from event logs. This provides valuable insights that facilitate business process improvement. Moreover, process mining is not limited to process discovery. Using conformance checking techniques models can also be compared with reality and existing models can be enhanced with additional information, e.g., indicating bottlenecks in a process. Many vendors claim to offer support for Business Intelligence (BI). Unfortunately, these BI tools are not intelligent at all. In his talk Prof. Wil van der Aalst will show that process mining moves beyond BI. He will provide an overview of process mining techniques and, using many real-life examples, it will be shown how particular techniques can be applied and what kind of insights such analyses provide..

**SPEAKER:** Prof.dr.ir. Wil van der Aalst is a full professor of Information Systems at the Technische Universiteit Eindhoven (TU/e). He belongs to the top computer scientists in the world. Many of his books and papers are highly cited (he has an H-index of more than 55 according to Google Scholar) and his ideas have influenced researchers, software developers, and standardization committees working on process support. His research interests include workflow management, process mining, Petri nets, business process management, process modeling, and process analysis. He founded the International Conference on Business Process Management conference series and serves as a chair or member of many steering committees and editorial boards. Prof. Van der Aalst initiated the development of various open-source software products such as ProM and YAWL and was a co-founder of the well-known Workflow Patterns initiative. Moreover, his work influenced standards (e.g. BPMN and BPEL) and commercial products. For more information about his work visit: [www.processmining.org](http://www.processmining.org), [www.workflowpatterns.com](http://www.workflowpatterns.com), [www.workflowcourse.com](http://www.workflowcourse.com), [www.yawl-system.com](http://www.yawl-system.com), [www.wvdaalst.com](http://www.wvdaalst.com).

**Confirm your participation before 01 May 2009:**

Prof. Dr. Jan Mendling, Humboldt-Universität zu Berlin, Institut für Wirtschaftsinformatik  
([jan.mendling@wiwi.hu-berlin.de](mailto:jan.mendling@wiwi.hu-berlin.de))