

## EINLADUNG

Zeit: Dienstag, 28. Juni 2016, 10:30 Uhr

Ort: E2, AH 5, Ahornstraße 55

Referent: Prof. Dr. Ir. Wil van der Aalst,  
TU Eindhoven (NL), Scientific Director of the  
Data Science Center Eindhoven (DSC/e)

Titel: Process Mining: Data Science in Action

### Abstract:

Process mining provides new ways to utilize the abundance of event data in our society. This emerging scientific discipline can be viewed as a bridge between data science and process science: It is both data-driven and process-centric. Process mining provides a novel set of tools to discover the real processes, to detect deviations from normative processes, and to analyze bottlenecks and waste. Analogous to spreadsheets, process mining provides a generic domain-independent technology (starting from events rather than numbers). In his talk, Wil van der Aalst will argue that process mining should be an integral part of tomorrow's data scientist. He will introduce basic concepts, explain a particular discovery technique (inductive process mining), and elaborate on his collaboration with industry. His research group at TU/e applied process mining in over 150 organizations, developed the open-source tool ProM, and influenced the 20+ commercial process mining tools available today.

Es laden ein: Die Dozenten der Informatik