

Prof. Peter Nielsen

"Some insights from Big Data Research projects"

Short abstract

Through a number of years the Big Data theme has dominated the agenda in companies. There is no doubt that tremendous amounts of data exist in companies, but data is not just a blessing. Data quality, mistaking correlation for causation, over interpretation – the pitfalls are many. The keynote will focus on lessons learned, and why one should not be blinded by data and analytics, but focus on creating business insight that matters and not just fancy management reports – and also why it is sometimes ok to concede defeat.

Short Bio

Prof. Peter Nielsen holds a Master's degree in Engineering with a specialization in Industrial Management and a PhD in Production Technology within Production Planning & Control. Currently he is Deputy Head of Department and Associate Professor at Department of Mechanical and Manufacturing Engineering at Aalborg University, the second largest technical university in Denmark. He holds a number of editorial positions including the post of Coordinating Editor for the journal Production & Manufacturing Research published by Taylor & Francis. Through his career he has conducted research with university partners from more than 15 countries and numerous companies ranging from Fortune 500 companies to SMEs. His primary research interest is managing stochastics in Planning & Control and over the last decade he has published more than 60 peer-reviewed publications within this topic. He serves and has served in the organizing and scientific committees in numerous international conferences within Operations Research and Industrial Engineering.