Prof.dr.ir. Remco Dijkman
July 1, 2022

INAUGURAL LECTURE
Digital Process Transformation

TU/e

EINDHOVEN
UNIVERSITY OF
TECHNOLOGY

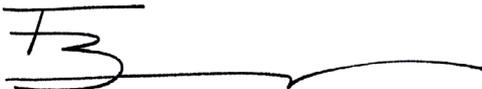**DEPARTMENT OF INDUSTRIAL ENGINEERING & INNOVATION SCIENCES**

INVITATION

Prof.dr.ir. Remco Dijkman was appointed full-time professor of Data-driven Business Process Optimization at the Department of Industrial Engineering and Innovation Sciences at Eindhoven University of Technology on May 1, 2021. He will deliver his inaugural lecture on July 1, 2022.

The Executive Board of Eindhoven University of Technology cordially invites you to attend the inaugural lecture of Prof.dr.ir. Remco Dijkman on **Friday, July 1, 2022, at 4.00 PM**.
The public lecture will be delivered in the Blauwe Zaal of the Auditorium. You do not need to register. In the event that restrictions regarding attendance are implemented due to covid-19, the proceedings can be followed online.

The title of the lecture is
'Digital Process Transformation'

After the lecture, drinks will be served in the Senaatszaal.

All full professors are invited to join the cortège. If you want to join the cortège, please register in advance with the P&P office which organizes all academic ceremonies, telephone +31 (0)40 247 25 15, e-mail: penp@tue.nl.

Prof.dr.ir. F.P.T. Baaijens
Rector Magnificus

After July 1, 2022, the text of the inaugural lecture will be available online at www.tue.nl/lectures.

Remco Dijkman received his MSc (2001) and PhD (2006) in Computer Science from the University of Twente. He then joined Eindhoven University of Technology as an assistant professor in the Department of Industrial Engineering and Innovation Sciences and later became an associate professor (2014). Currently, he leads the research on data-driven business process optimization, with a focus on applications in transport and the supply chain. Remco has published over 100 peer-reviewed papers. His work on business process execution semantics and business process similarity is highly cited and for his work on the latter he has received multiple awards. Remco serves on the editorial board of Information Systems and has been involved in a large number of research projects with industry. He is an enthusiastic teacher and has received multiple education awards.

About the lecture
The availability of both computing power and data has grown exponentially over recent decades. This has created opportunities for organizations to transform the way their business processes work, improving them, for example, by reducing their cost or by making them more sustainable. One of the ways in which this can be done is by enhancing business processes with data to produce accurate representations of how work typically progresses through the organization. Such data-enhanced models can, in turn, be used to simulate the organization – even in real-time – or to make predictions about what will likely happen under particular conditions and with particular work distribution and control rules. These predictions can then be used to make decisions on the optimal rules for work distribution or control under given conditions. Data-driven business process optimization concerns itself with developing the models, tools and techniques that facilitate this. During his lecture, Remco Dijkman will introduce the research area of data-driven business process optimization and share his vision on the development of the area.

Visiting address Auditorium, Building 1, Groene Loper, Eindhoven
Navigation address De Zaale, Eindhoven, www.tue.nl/map