

Biography of Geert-Jan van Houtum (web page: [Geert-Jan van Houtum \(tue.nl\)](http://www.geertjanvanhoutum.tue.nl))

Geert-Jan van Houtum is Professor of Maintenance and Reliability at the Department Industrial Engineering and Innovation Sciences (IE&IS) of Eindhoven University of Technology since 2008. Prior to that he filled positions as assistant and associate professor at the same department (1999-2007) and the University of Twente (1994-1998) and as visiting professor at Carnegie Mellon University (2001). He obtained his M.Sc. and Ph.D. degree in Applied Mathematics from Eindhoven University of Technology in 1990 and 1995, respectively. Since October 2024, he serves as dean of the Dept. IE&IS.

His research is focused on: (i) Predictive maintenance concepts for advanced capital goods; (ii) Spare parts management; (iii) Increasing circularity and reducing emissions in maintenance operations. He has over 100 publications in international refereed journals such as Operations Research, Manufacturing and Service Operations Management, IIE Transactions, European Journal of Operational Research, Reliability Engineering and System Safety, and International Journal of Production Economics. Together with Bram Kranenburg, he wrote a book on “Spare Parts Inventory Control under System Availability Constraints”. Much of his research is in cooperation with the industry. He works with organizations such as ASML, Dutch Railways, Philips, Océ-Canon, Lely, Marel, the Royal Dutch Navy, Thales, and Vanderlande.