

The Econometric Institute at Erasmus University Rotterdam invites applications for a PhD position in the area of service logistics. This opening concerns a fully-funded position within the ERIM doctoral program in Business and Management.

Research Topic

This PhD project is part of a larger research project 'Pro-active service logistics for capital goods – the next steps' (ProSeLoNext), which is a collaboration of several industrial and academic partners. Service logistics is an upcoming area within the logistics research field. The aim of proactive service logistics is to orchestrate all aspects of the after-sales service so as to prevent downtime of capital assets.

The successful applicant will focus on operational decision making, assuming the basic strategic and tactical issues are dealt with. An integrated view on operational decision making will be taken, i.e., the perspective of service control towers. The main objective is to design methods and tools that help companies to act in dynamically changing situations, and embed them in a control tower concept. The PhD candidate will combine different methodologies (e.g., inventory control methods for spare parts inventories and statistical methods for forecasting demand for parts) and strive for both scientific and practical relevance.

Candidate Profile

Applications should have completed (or be close to the completion of) an MSc degree in Operations Research / Applied Mathematics / Industrial Engineering, and have a solid background in stochastic models and inventory control. A suitable candidate is highly motivated and willing to spend time in companies to identify problem characteristics and present research outcomes to industrial partners.

Application Procedure

More information about the position, also on how to apply, can be found at

<http://www.erim.eur.nl/doctoral-programme/phd-in-management/phd-projects/detail/1239-pro-active-service-logistics-for-capital-goods-the-next-steps-proselonext/>

Inquiries for information should be directed to Prof. Dr. Rommert Dekker (rdekker@ese.eur.nl). For procedural questions, contact the ERIM Doctoral Office (phd@erim.eur.nl).