

School of Industrial Engineering  
Department of Industrial Engineering and Innovation Sciences  
Eindhoven University of Technology

**Assistant Professor (tenure track) in Transport and Logistics,**

Vacancy ID: V39.2723

*Starting date: Not later than September 1, 2017. Starting earlier is open for discussion*

**Departmental setting**

The Department of Industrial Engineering and Innovation Sciences (IE &IS) engages in research and teaching in the areas of industrial engineering, management science, and innovation science. The mission of the department is closely tied to its pioneering work in developing an engineering perspective on business processes, as well as its interdisciplinary research on transitions in societies in relation to technical changes. At the heart of its academic philosophy is the synergy between research and teaching. The department offers an academic environment in which scholars and students work on critical problems at the interface of engineering, management and innovation. The department has two schools: Industrial Engineering (IE) and Innovation Sciences (IS). The school of Industrial Engineering focuses on the design, behavior and performance of operational and innovation processes in industrial and service organizations. It covers the complete business chain of product design, process design, production, purchasing, outsourcing, distribution and marketing & sales.

The School of Industrial Engineering currently includes the following research groups:

- Human Performance Management;
- Information Systems;
- Operations Planning, Accounting & Control;
- Innovation, Technology Entrepreneurship & Marketing.

The open position is part of the Operations Planning, Accounting & Control group.

**Operations Planning, Accounting & Control group**

OPAC currently consists of 6 full professors, 3 associate professors, 11 assistant professors, 7 postdoctoral fellows, and 24 PhD students. OPAC is recruiting one junior faculty member. The faculty teaches and conducts research in the area of operations planning and control in manufacturing, services, logistics and supply chains. Research is generally quantitative in nature, while many of the researchers also engage in empirical research.

The OPAC group is responsible within the university for all teaching in the areas of operations management, transportation, reliability, and accounting and finance, both at undergraduate and graduate level.

**Description of the position**

***Disciplinary focus***

The OPAC group is active with research and teaching in the relevant areas of operations management (inventory control, production planning, reliability, supply chain finance, etc.), both

at undergraduate and graduate level. This position will be filled with a candidate who works within the broad field of Transport and Logistics.

We strongly encourage women to apply for this position as TU/e aims for gender-balance.

### **Research**

The selected assistant professor performs active research on transport and logistics, collaborates with current faculty and postdocs, takes part in and acquires funded research projects, and publishes on her research in academic journals.

Candidates have (but not limited to) research experience in (rich) Vehicle Routing Problems, Inventory-Routing Problems, Warehousing, Stochastic programming, Branch-and-Bound methods, and/or, meta-heuristics, etc.

### **Teaching**

Each assistant professor teaches 2-3 courses per year in the undergraduate, master, and/or PhD programs, and supervises BSc and MSc students on their thesis work.

### **Tasks**

- Participate in, development of, and acquisition of funding for research projects.
- Supervise PhD, MSc and BSc students in their projects.
- Conduct autonomous teaching at the BSc and MSc levels.
- Participate in teaching at the PhD level.
- Possibly contribute to the management of the OPAC group.

### **Requirements**

- PhD in Operations Management, Industrial Engineering, Econometrics, Operations Research, or a comparable domain.
- Demonstrable ability to conduct academic research of high quality on relevant problems, demonstrated for instance by a relevant PhD thesis and/or publications.
- Demonstrable ability to teach, shown for instance by experience or assistance in teaching and positive evaluations of these teaching efforts.
- Excellent mastering of the English language, good communication and leadership skills. Note that there is not a Dutch language requirement.

### **Conditions of employment**

We offer:

- a challenging job in a dynamic and ambitious university;
- a full-time appointment for a period of five years; a tenure evaluation will be conducted after three to four years.
- a gross monthly salary between € 3.427 and € 5.330, based on a full-time appointment and depending on experience and knowledge;
- enrolment into a program to acquire an official teaching certification from Dutch Universities (Basic Qualification Teaching);
- a yearly holiday allowance of 8% of the yearly salary;
- a yearly end year allowance of 8.3% of the yearly salary;

- a broad package of fringe benefits (including an excellent technical infrastructure, moving expenses, savings schemes, and excellent sports facilities).

We are also open to application by candidates with some years of experience as assistant professor.

### Information

More information about the OPAC group can be found at [opac.ieis.tue.nl](http://opac.ieis.tue.nl). More information about these positions should be addressed to: Professor Tom Van Woensel, phone +31 40 2475017, e-mail: [t.v.woensel@tue.nl](mailto:t.v.woensel@tue.nl)

Information about terms of employment can be obtained from Mr. drs. Kees Deneer, personnel officer ([pz.ieis@tue.nl](mailto:pz.ieis@tue.nl)). Further information about Eindhoven University of Technology can be found at [www.tue.nl](http://www.tue.nl).

### Application

Your application must contain the following documents (all in English):

- Cover letter (2 page max.), where you motivate your interest in this vacancy and explicitly explain in which ways you represent a good match;
- An extensive curriculum vitae including a publication list and teaching evaluations (if any);
- A teaching statement;
- A research statement;
- Copies of relevant (working) papers
- Name and contact information of two references
- If your degree is not from an English-spoken program, a proof of proficiency in English needs to be included in your package (such as IELTS or TOEFL).

Note that incomplete applications will not be considered.

If you are interested, we invite you to apply as soon as possible. Selection will begin immediately and continue until the positions have been filled. We will be interviewing at the INFORMS 2016 conference in Nashville. In your cover letter, please state whether you will attend the INFORMS conference and be available for an interview during the conference. To facilitate the planning of interviews at the INFORMS conference, we ask candidates going to INFORMS to apply **by November 5** at the latest.

To apply please click [here](#) and use the “apply now” button. Please note that a maximum of 5 documents can be uploaded, so if you have more than 5 documents you will have to combine them. Please do not send us applications by e-mail.