



## Vacancy Professor Smart Lean

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The industry is facing transformative technology development. The onset of CyberPhysical Production Systems has huge impact on production and (dis)assembly, and on product design and development.

The inherent complexity is large. The scope and number of technological developments (e.g. augmented reality, autonomous robots, machine learning, and so on) is profound. Capitalizing on these developments requires understanding of the current state of technology and methods for the assessment of suitability, and the requirements for successful implementation. Human and organizational aspects play an important role here.

### Let us introduce ourselves:

We are the Academy of Engineering and Automotive of the HAN University of Applied Sciences. With around 300 colleagues, we offer internationally oriented full-time and part-time engineering and automotive education to over 2,600 students. Within the academy, we have three research group clusters – where leading applied research is conducted and where we have an excellent rating on our impact – and two national centres of expertise: ACE Mobility and SEECE. The position of professor is linked to the Lean & World Class Performance professorship.

At the professorship of Lean & World Class Performance we work to develop and propagate knowledge about smart technologies and their deployment. We do so together with industry, students and researchers, true to our nature as a university of applied sciences. We are scientifically sound and practically relevant. We were recently awarded the label excellent on impact at our accreditation. Through our work we affect the way business run their production and the way operators and team lead run their day-to-day work. This is a source of pride and a responsibility we take very seriously.

### Who are we looking for

We are looking for a Professor whose passion and keen interest in the application of smart technology will help industry competitiveness and ensure meaningful work for employees. Together with the research group, you will engage in knowledge development, knowledge dissemination and knowledge valorisation for innovations in the field of smart technology, production and assembly. The focus of the research is on the application of smart technology as part of a transition towards CyberPhysical Production Systems (CPPS).

We are looking for a colleague who is keenly aware of the research group's societal mission and who will promote our vision both internally and externally. It is important that you are a connector and an entrepreneurial personality. You have to connect research activities with the entire education system (MBO-HBO-WO) and you will be challenged expand your network with businesses, governments and other parties in this domain. You are also co-chairman of the research group, and will further develop the team and its team members.

### As Professor:

- You are the face of the academy, both in terms of content and in your representative role.
- You are highly entrepreneurial and maintain a large network of businesses and institutions important within the grant process, knowledge building and dissemination.
- You are a visionary, you carry HAN's and the academy's vision in an enthusiastic and positive way and translate it into a clear vision towards the team.
- You effectively and positively develop and foster professional relationships with stakeholders, bringing individuals and groups together.
- You transfer your knowledge of CPPS, smart technologies and Lean to lecturers, students and industry.
- You have a coaching role for the team members.

### What are the function requirements:

- A PhD. You also have extensive knowledge of and experience in smart technologies and applications, the interaction with product design and design for (re)manufacturing. With a specialization in for example robotics or digital twinning.
- Business knowledge and experience which you combine with a technical background in, for example, industrial engineering, systems engineering, or mechatronics.
- A person with demonstrable affinity with the organizational and sustainability aspects of smart technologies, and how that affects production, assembly, and product design.
- Experienced in practice-based research within education. You know how to relate to various stakeholders and connect education, society, and business.
- Innovative and focused on concretely solving issues and problems.
- Commercially and organisationally strong.
- A networker who comes with an extensive and relevant (inter)national network within the field, and the business community.
- Substantial experience with leading research teams. Being a good educator.

### **Terms of employment**

Do you recognise yourself in the points above? Are you curious about what we have to offer you? Then read more about this unique position below.

### **We offer you this!**

- A varied position in a dynamic and informal educational research environment;
- A temporary appointment for the remaining term of the professorship until August 2026. In case of continuation your appointment will be extended;
- An appointment in the position of Professor A; (depending on your experience)
- A gross monthly salary of minimum €7.006,77 and maximum € 9.046,60 gross per month (cao-hbo scale 15) based on a full-time position;
- 8% holiday allowance and a 13th month (8.3%);
- Excellent employee benefits, such as ABP pension insurance, discounts with various health insurers, parental leave.
- A good work-life balance is very important to us! As such we also offer about 10.5 weeks of paid leave per year based on a 40-hour work week;
- Lots of room to move! As a HAN employee, you get discounts at over 300 gyms throughout the Netherlands, or you can exercise for free at HAN;
- your personal development counts! Working at HAN means access to a wide range of training programs and courses! This is specially organized in our own HAN Academy;
- Do you travel more than 10 km to work? We reimburse 100% of public transport!

### **Procedure**

Curious about the steps in this application process?

After we receive your application, you will be contacted by phone.

In this roughly 30-minute phone call, the following questions are covered:

- Why are you applying for this vacancy?
- What is your added value and vision of how smart technology shapes industry?
- Does your profile match the vacancy in terms of competences, salary indication, education and promotion?

Profiles will be discussed with the HAN selection committee. The selection based on letters is followed by an interview with selection committee. After this interview, you will hear whether you will be invited for a follow-up interview with the appointment advisory committee.

An assessment may be part of the application process. In addition, all new HAN employees must provide a Certificate of Good Conduct (VOG) and for this position a pre employment screening is required.

Are you enthusiastic after reading this vacancy? And would you like to work at our academy for a more sustainable industry? Then hesitate no longer and apply as a Professor. You can use the button below for this, so it won't take long. For questions about the position and/or the procedure, please contact Dr. Vincent Wiegel, +31 6 3169 4038.

**Please address your cover letter to Dr. Vincent Wiegel.**