MÄLARDALEN UNIVERSITY DEVELOPING SWEDEN'S "DIGITALISATION VALLEY"

- Establishing new Professorship in Cyber Physical Systems

Mälardalen University (MDH), the region of Sörmland, and the municipality of Eskilstuna are in the coming years investing heavily in establishing MDH as a research and education hub in Sweden within the area of Industry 4.0 (Industrial IT).

MDH is working proactively within digitalisation for future needs in research and education, with the aim to position the region and Mälardalen University as Sweden's "Digitalisation Valley". In addition to the focus on Industry 4.0, the initiative also involves efforts in health robotics, economics and health and welfare.

The initiative also includes a strong commitment of the university's industrial partners through the collaboration platform MITC – Mälardalen Industrial Technology Center – and Eskilstuna Factory Association. In addition to education and research the effort also includes the creation of the MITC laboratory; a 2000 square meter laboratory area focusing on creating a lab for the future needs of the manufacturing industry with key partners Volvo Group, Alfa Laval, GKN Driveline and Robotdalen.

Professorship in Cyber Physical Systems

MDH is establishing a new research profile within the area of Industry 4.0 where cooperation with external partners and industry is essential. The professor will be responsible for establishing a new research group and curriculum for first and second cycle education programmes in collaboration with established researchers in the research environments Innovation and Product Realization and Embedded Systems at MDH.

Today, MDH has a team of leading researchers within embedded systems and AI who work with the application areas of automotive, robotics, health technology and production. MDH works closely with external partners to create unique architectures and solutions in the forefront based on the latest relevant advancements in the area. MDH currently has leading competences in embedded systems, security, cloud, sensor systems, communication, expert systems, vision systems and machine leaning.

This is an extremely important and strategic investment in the University. Digitalisation will be permeating everything before long. This venture can prove to be one of the most important in Eskilstuna for many years."

Jimmy Jansson (S), Chair of the Municipal Board of Eskilstuna

With this venture MDH will get the opportunity to quickly adapt a number of study programmes to the labour market of the future. It also gives us the opportunity to recruit more researchers with key competences which will further strengthen MDH's research and education."

Paul Pettersson, Vice-Chancellor of Mälardalen University

You find the job ad here

Contact:
Jessica Bruch
Professor in
Production systems
016-15 32 19

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MÄLARDALEN UNIVERSITY DEVELOPING SWEDEN'S "DIGITALISATION VALLEY"

- Establishing new Professorship in Applied Intelligence with specialization in intelligent manufacturing

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