



FACULTY OF SCIENCE

GUIDE-days

Göteborgs universitet: Industrial Dating Event

Medical diagnostics with artificial intelligence

The Faculty of Science at the University of Gothenburg offers opportunities for representatives of the industry to meet up with strong academic research groups to engage in problem-oriented collaborations. This year's opportunity has the title "Medical diagnostics with artificial intelligence" and will be a lunch-2-lunch event at Lindholmen Conference Centre, Gothenburg, on 14-15 September 2022.

Diagnosing a patient and understanding mechanistic medical correlations require extensive training and expertise in both industrial and academic settings. In order to facilitate these processes, the branch of artificial intelligence known as machine learning can be applied. Machine learning uses statistical methods to train algorithms to perform automated classifications or predictions from large data sets. To optimally help decision-makers, skilled scientists need to be exposed to the most relevant questions and team up with the sector that owns the data to answer them.

Academia has experts working on machine learning methods across wildly different fields such as medicine and life sciences, aquaculture, ocean monitoring, renewable energy, and transport. We want to hear about companies' challenges in automated medical diagnostics as we believe that joint forces and cross-sector collaborations can solve such issues.

Who are we? We represent the Faculty of Science at University of Gothenburg. Our vision is to initiate and further develop engaging and successful collaborations and innovations between academia and commercial actors, between researchers and industrial partners. Thus, GUIDE-days aspire to establish strong and enduring links in the form of joint projects, education programs with synergistic Bachelor, Master, and Ph.D. projects as well as courses, or even opportunities to create shared office spaces between industrial and academic partners.

What's in for the industry? GUIDE-days can help find a matching partner working on a similar topic within a similar or from a different discipline. Together, new perspectives are explored, and solutions are developed to the problems at hand.

What's in for the academic fellows? GUIDE-days can help establish new career and innovation paths and provide possibilities to attract project funding for applied sciences.

Are you interested? Would you and your enterprise be interested in joining our GUIDE-days on 14-15 September 2022? Do you have a particular problem in the field of “Medical diagnostics with artificial intelligence” that you would like to bring to our attention? Please contact us [here](#) or [register](#). Registration is free of charge and closes on **3rd of September 2022**.

Preliminary Programme

14 September (day I)

12.00-16.00 Plenary talks from invited representatives of the industry.

16.00-19.00 Mingle session to find matching partners for the meetings on day II. A light dinner will be served from 17:00.

15 September (day II)

9.00-12.00 In-depth discussions between selected partners with the objective to establish specific collaborations.