



FARM

MÄSSAN 24

27 November 2024

MÄSSKATALOG 2024

Redaktion

Max Carlén

Adress

Fysikgränd 3
411 33 Göteborg

Hemsida

www.farmchalmers.se

Facebook

FARM Chalmers

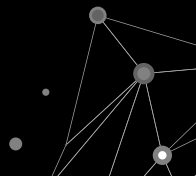
Grafik

Chalmers Tekniska Högskola,
via ftek.se/frek/
Chalmers Campus Map,
maps.chalmers.se
starline/ikatod, Freepik.com

Tryck

TeknologTryck

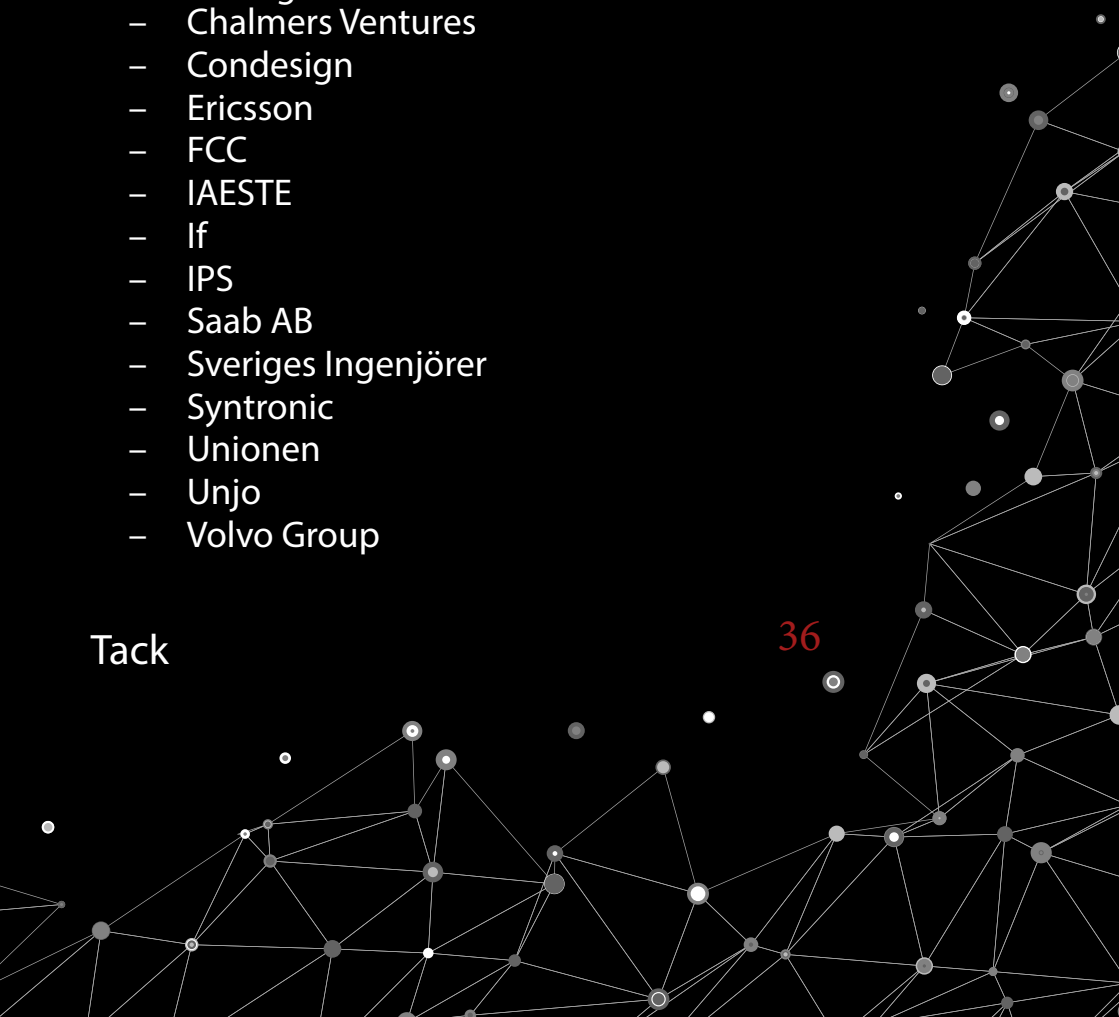
FARMMÄSSAN är en årlig arbetsmarknadsmässa på Chalmers Tekniska Högskola som arrangeras av Fysikteknologsektionens arbetsmarknadsgrupp, FARM.



Innehållsförteckning

Välkommen	1
FARM 2024	2
Om utbildningarna	3
Karta	5
Tips under mässan	6
Utställare	7
– Boeing	
– Chalmers Ventures	
– Condesign	
– Ericsson	
– FCC	
– IAESTE	
– If	
– IPS	
– Saab AB	
– Sveriges Ingenjörer	
– Syntronic	
– Unionen	
– Unjo	
– Volvo Group	

Tack	36
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A network diagram consisting of numerous black dots connected by thin black lines, forming a complex web of connections. The dots are scattered across the top half of the page, with lines extending downwards and outwards.

FARM MÄSSAN 24

Arbetsmarknadsdagen på Chalmers Tekniska Högskola
för programmen Teknisk Fysik och Teknisk Matematik

Varmt välkommen!

Vi är stolta över att presentera FARMMÄSSAN 2024, dagen då vi vill möjliggöra för dig som student att ta nästa steg mot ditt kommande arbetsliv och knyta värdefulla kontakter för framtiden. I år har vi 14 företag och organisationer från olika branscher på plats och som riktar sig till både dig som läser till kandidat, master och PhD.

FARMMÄSSAN är till för att du ska få chansen att komma närmare företagen som vill ha just DIG. Kanske vill du bara mingla och få inspiration om vad du kan göra efter dina studier, eller kanske letar du efter ett företag som du kan göra ditt examensarbete hos? Ta med dig din charmigaste sida och ta del av våra tips längre fram i katalogen för att ge dig själv de bästa förutsättningarna för att nå dina mål på mässgolvet.

Varmt välkommen till FARMMÄSSAN 2024!

Bästa hälsningar,

FARM

Vi är FARM 2024



Mikael Eriksson
Ordförande



Alanja Norinder
Vice ordförande



Oskar Hjalmarsson
Kassör



Max Carlén
PR-ansvarig



Martin From
Eventansvarig



Emmie Liljenberg
Projektansvarig



Marcus Guthe
Sponsansvarig



Benjamin Kern Katz
Alumniansvarig

Om utbildningarna

Teknisk fysik och Teknisk matematik är två likartade utbildningar med mycket utbyte. Civilingenjörer inom Teknisk fysik eller Teknisk matematik har i regel en mycket god analytisk förmåga och kan snabbt sätta sig in i komplexa problem. Utbildningarna ger tidigt en stark matematisk grund och insikt i grundläggande fysik. Längre in i utbildningarna finns ämnesspecifika kurser som ger en gedigen problemlösningsförmåga genom datorlaborationer och/eller experimentella mätningar.

Teknisk fysik

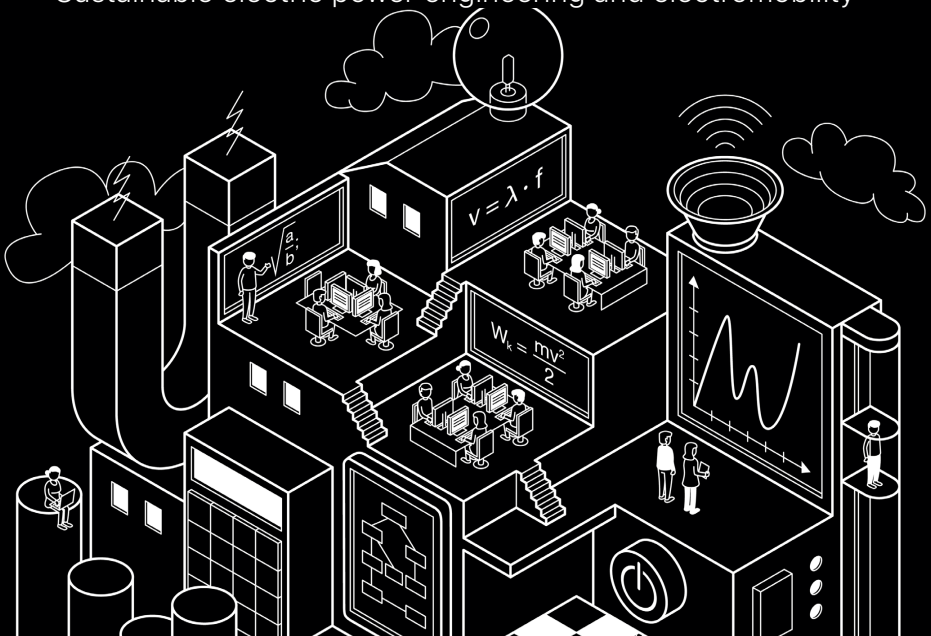
I jämförelse med Teknisk matematik har Teknisk fysik en djupare och mer naturvetenskaplig grund. Innehållet av grundläggande matematik är ungefär detsamma, men studenterna på Teknisk fysik läser fler fysik- och teknikämnen.

Teknisk matematik

I början av utbildningen samläses många kurser tillsammans med Teknisk fysik. Teknisk matematik innehåller sedan fler kurser i matematik, statistik, matematisk modellering och datalogi.

Masterprogram

- Applied Mechanics
- Biomedical Engineering
- Complex Adaptive System
- Computer Science -Algorithms, Language and Logic
- Data Science and AI
- Engineering Mathematics and Computational Science
- Entrepreneurship and business design
- High-performance computer systems
- Industrial Ecology
- Information and communication technology
- Lärande och ledarskap
- Materials Engineering
- Management and economics of innovation
- Nanotechnology
- Physics
- Quality and Operations Management
- Sound and Vibration
- Systems, Control and Mechatronics
- Wireless, Photonics and Space Engineering
- Sustainable Energy Systems
- Sustainable electric power engineering and electromobility

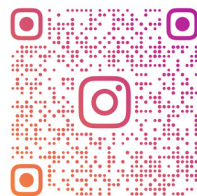




Här hittar du FARMÄSSAN 2024

Mässan kommer i år äga rum i Volvofoajén i Chalmers kårhus. För att komma till Foajén går du genom huvudentrén till kårhuset och tar höger förbi STORE. Sedan är det första trappan upp.

Psst... Glöm inte följa FARM på instagram för att lättare hitta till mässan samt ta del av uppdateringar under dagen.



FARM_CHALMERS



Tips under mässan

Förbered dig

Vet vem du vill prata med i förväg och ha något intressant att säga. Var redo att ge din elevator pitch när det är lämpligt och kom ihåg: du kan ha mindre än 30 sekunder att presentera dig och ge ett första intryck. Att vara bekant med organisationens projekt, tjänster och kultur kan användas som ice-breaker, hjälpa dig att sticka ut och kan göra att du får ut mer av mässan.

Var säker och entusiastisk

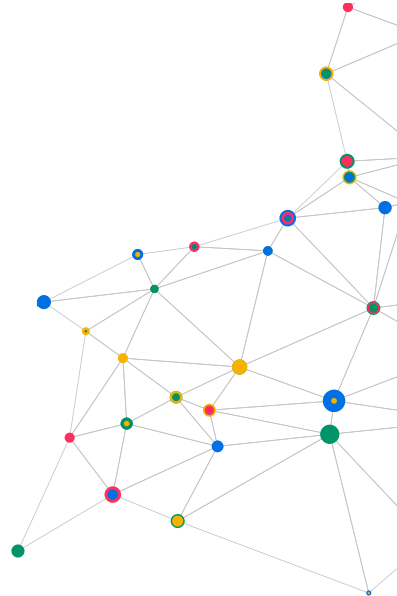
När du pratar med arbetsgivarna, håll din konversation fokuserad och kort. Presentera dig själv med ett leende och en liten handskakning. Arbetsgivarna på FARMMÄSSAN är här eftersom de vill träffa DIG, och ännu viktigare, att anställa dig. Det är alltid bra att vara välklädd, även om du söker jobb på arbetsplatser som har mer avslappnade klädkoder.

Anteckna vid behov

Gör detta särskilt när du frågar om nästa steg. Skriv ner namn, telefonnummer m.m. för personal i organisationen som du kan kontakta senare. Du kan också be företagets representant om ett visitkort, vilket ger dig all information du behöver för att komma i kontakt med denna person efter mässan.

Nätverka, nätverka, nätverka

Utöver företagets representanter, gör dig tid att prata med andra arbetssökande för att dela information om allt från företagen till jobberbjudanden och få deras kontaktinformation om möjligt. Ha kul och njut av att lära dig mer om olika arbetsgivare och karriärsvägar!





Work at Boeing in Gothenburg

Boeing is a leading global aerospace company, and one of the largest IT employers on the Swedish west coast. In the Boeing Gothenburg office we work with software development solutions used for scheduling crew and aircraft.

We are world leaders with our crew and aircraft optimization, and planning software, which is used by many airlines around the world.

Boeing offers an environment rich with opportunities to learn new skills, either by trying out new positions or by cooperating with other people. We work in teams where continuous improvement and innovation is important. As a part of Boeing, we have access to unique market connections and investment power.

We work in a very dynamic and truly international business environment with a multitude of large airlines as our customers. Additionally, there are many opportunities to visit and collaborate with various cultures all around the globe.

Working at Boeing also offers the opportunity to solve some of the most challenging optimization problems in the world. This is done by applying advanced technology, mathematics and a good business understanding.

At our office, which is located 100 meters from Drottningtorget, in central Gothenburg, we have around 35 different nationalities and are proud of our diversity.

There are many opportunities for personal and professional development, and to become involved in a variety of our social initiatives. We are striving to become the Best Workplace In Town, hosting different social events, wellness and learning activities, and more.

If you would like to join us or learn more about Boeing, please let us know and scan the QR code below.



Work at Boeing



Jeppesen Crew Management System



Network Operations Management





At the office in Gothenburg we work with software solutions used for scheduling crew and aircraft. We are world leaders with our optimization and planning software. We work in a dynamic and truly international business environment with a multitude of large airlines as our customers. We have around 35 different nationalities in the office and are proud of our diversity. Working at Boeing also offers the opportunity to solve some of the most challenging optimization problems in the world. This is done by applying advanced technology, mathematics and a good business understanding.

BUSINESS AREAS

Software within the Airline industry.

EMPLOYEES

Sweden: 400
Globally: 130 000

LOOKING FOR

Bachelor
Master
PhD

OFFERING

Employment
Master thesis
Summer job
Trainee

CONTACT

Tommy Lafqvist
tommy.lafqvist@boeing.com

CHALMERS
VENTURES *what if*

CHALMERS VENTURES

what if

Chalmers Ventures is one of Sweden's leading business incubators and venture capital firms, affiliated with Chalmers University of Technology in Gothenburg. The company supports entrepreneurs and startups in technology and innovation by providing capital, expertise, and a strong network. Through its comprehensive incubator and accelerator programs, Chalmers Ventures has helped over 200 companies grow, including several successful tech and sustainability-driven firms. Its mission is to create and develop the next generation of high-growth companies, with a focus on driving sustainable innovation and contributing to a globally competitive ecosystem.

BUSINESS AREAS

Tech investor
Venture builder

OFFERING

Internship
Trainee

EMPLOYEES

Sweden: 30
Globally: -

CONTACT

chalmersventures.com/contact-2/
Lotta Lehtikoinen
lotta.lehtikoinen@chalmersventures.com

LOOKING FOR

Bachelor
Master
PhD





At Condesign, we drive innovation today to shape our customers' success for tomorrow. We

collaborate with some of the world's most renowned companies across industries like

automotive, industrial equipment, security and defence, maritime, and retail, to mention a few.

With a team of around 170 consultants, we are committed to continuous growth and development

– both as individuals and as engineers.

BUSINESS AREAS

Automotive
Industrial Equipment
Security & Defence
Retail & Consumer Goods
Building Material & Components

EMPLOYEES

Globally: 170

LOOKING FOR

Bachelor
Master
PhD

OFFERING

Employment

CONTACT

www.condesign.se
Kristin Hedelin kristin.hedelin@condesign.se
Mikael Jonasson mikael.jonasson@condesign.se



ERICSSON

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ericsson.com/careers





ERICSSON

At Ericsson you'll have a unique opportunity.

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You'll be challenged. But you won't be alone. You'll be part of a team of like-minded innovators, all driven to go beyond the status quo to build what comes next.

At Ericsson you can be an explorer, a change maker and a force for good.

Imagine a better, brighter tomorrow. You can be the one who makes

BUSINESS AREAS

Telecom, networks, ICT, research, patents

EMPLOYEES

Sweden: 14 713
Globally: 103 890

LOOKING FOR

Bachelor
Master
PhD

OFFERING

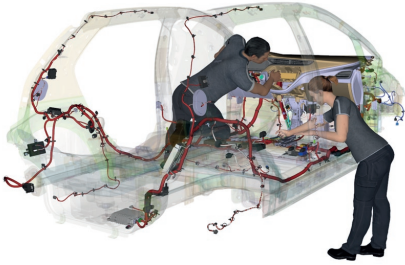
Employment
Master thesis
Summer internship
Traineeships
Early career program

CONTACT

student.sweden@ericsson.com

www.ericsson.com/carrers

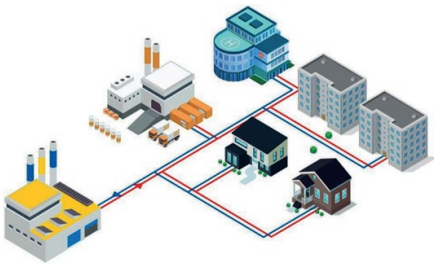
MATHEMATICS AS A TECHNOLOGY



THE GEOMETRY AND MOTION PLANNING DEPARTMENT does math-based algorithms and software for virtual product realization. Main technologies and areas are motion planning for manikins, simulation of flexibles, collision free path planning and discrete optimization of multi robot stations, and computer graphics.



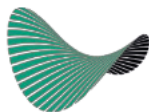
THE COMPUTATIONAL ENGINEERING AND DESIGN DEPARTMENT focuses on algorithms and software for multiphysics simulation and optimization of products and processes emphasizing mathematical modeling, numerical methods, algorithmic design and innovative software. Applications include simulation of complex flows, structural mechanics, electromagnetic, and granular material and particles.



THE SYSTEMS AND DATA ANALYSIS DEPARTMENT does projects in dynamical systems modeling; systems biology and electrophysiology; machine learning, industrial statistics, and big data analytics with pharmaceutical, engineering and automotive industries.



FRAUNHOFER CHALMERS
RESEARCH CENTRE FOR INDUSTRIAL MATHEMATICS



FRAUNHOFER CHALMERS

RESEARCH CENTRE FOR INDUSTRIAL MATHEMATICS

Fraunhofer-Chalmers Centre for Industrial Mathematics, FCC, offers contract research, services, algorithms and software based on advanced mathematics within modelling, simulation, optimization and AI, which provides a significant leading edge in industrial innovation of products and production systems.

We are always on the lookout for talents with a Master of Science or PhD in a relevant area. For students we offer part-time work for 4-8 hours per week, employment during the summer break and Master's thesis projects.

BUSINESS AREAS

**GEOMETRY AND MOTION PLANNING
COMPUTATIONAL ENGINEERING
AND DESIGN
SYSTEMS AND DATA ANALYSIS**

EMPLOYEES

Sweden: 80
Globaly: -

LOOKING FOR

Bachelor
Master
PhD

OFFERING

Employment
Master thesis
Summer jobs
Part-time job

CONTACT





IAESTE

GÖTEBORG

INTERNATIONAL EXCHANGE
THROUGH TRAINEESHIP



IAESTE

IAESTE offers qualified and paid internships in nearly 80 countries worldwide. Primarily, our internships are suitable for engineers and students with a natural sciences or architecture background, but we also offer internships for students in economics and marketing. IAESTE's internships give valuable experiences, memories for life and will strengthen your CV! The duration of our placements are anything from 2 months up to one year – there are plenty of opportunities both for shorter summer internships or longer ones over 1-2 semesters.

BUSINESS AREAS

Varied fields of engineering

EMPLOYEES

Operating in over 80 countries

LOOKING FOR

Bachelor
Master
PhD

OFFERING

Internships

CONTACT

iaeste.se
www.iaeste.net
Anders Fréden, National Secretary
iaestesweden@chalmers.se



Hitta ditt drömjobb
hos oss!





If är Nordens största försäkringsbolag med verksamhet i alla de nordiska länderna och Baltikum.

Vi erbjuder ett brett utbud av karriärmöjligheter i en internationell miljö, vilket skapar goda förutsättningar för varje medarbetare att forma sin egen karriär.

Vi erbjuder unga talanger mer än bara ett jobb. Vi erbjuder en plattform för en meningsfull karriär som låter dig växa, utvecklas och bidra till ett tryggare liv för varje människa och en positiv riktning för hela samhället. Följ med på vår resa och skapa nya möjligheter inom försäkringsbranschen tillsammans med engagerade kollegor.

BUSINESS AREAS

Insurance company for individuals, businesses, and industry.

OFFERING

Employment
Trainee
Internship

EMPOYEEES

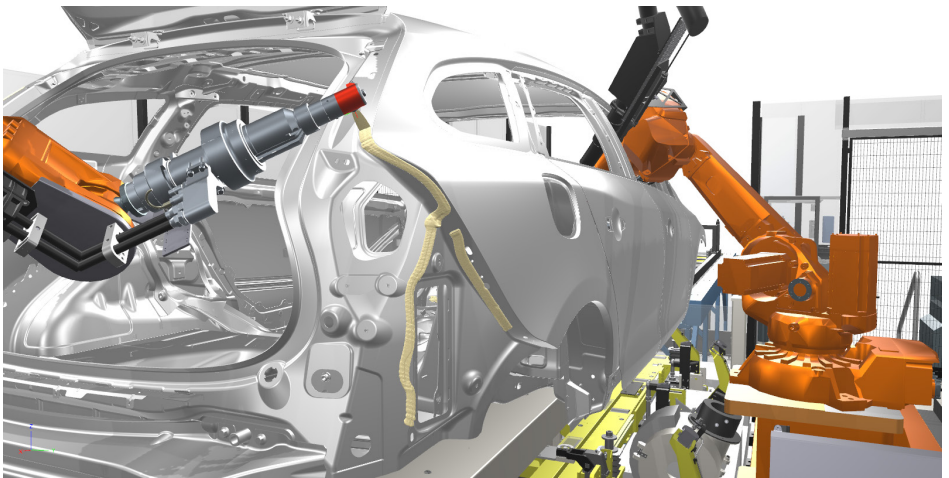
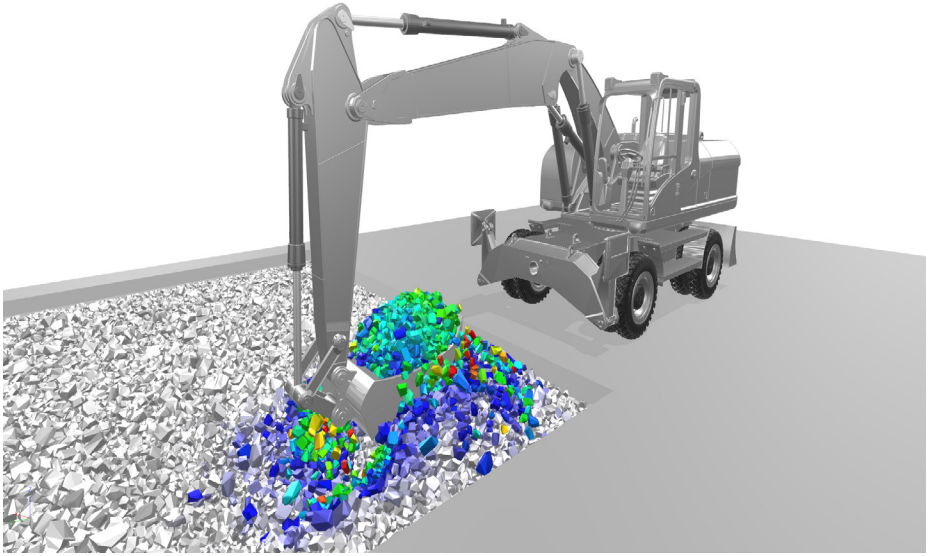
Sweden & Baltikum: 7900

CONTACT

www.if.se/om-if/jobba-hos-oss

LOOKING FOR

Bachelor
Master
PhD





IPS is a software company building math-based software based on innovative algorithms for virtual product and process development. With our focus to develop tools for digital innovation and digital manufacturing we provide an exciting opportunity for individuals who are passionate about technology and eager to make an impact in the field of virtual product and process development. IPS is a spin-off from Fraunhofer-Chalmers Research Centre (FCC) and thus has a strong coupling to Chalmers.

BUSINESS AREAS

Simulation, software development, industrial mathematics, producing industries

EMPLOYEES

Sweden: 20
Globally: 100+

LOOKING FOR

Bachelor
Master
PhD

OFFERING

Employment
Master thesis
Summer job
Part-time job
Trainee
Internship

CONTACT

klas.jareteg@industrialpathsolutions.com

www.industrialpathsolutions.com

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and society safe





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BUSINESS AREAS

**Surveillance, Kockums, Dynamics,
Aeronautics**

EMPLOYEES

Sweden: 22 000
Globally: -

LOOKING FOR

Bachelor
Master
PhD

OFFERING

Employment
Master thesis
Summer job

CONTACT

www.saab.com/career





Starta ditt liv som ingenjör med oss

Sveriges Ingenjörer är ett fackförbund för dig som studerar till eller arbetar som ingenjör. Vi stöttar dig redan under studietiden och förbereder dig för din framtida karriär som ingenjör.

För endast 15:-/mån får du förmånliga försäkringar, tillgång till stipendier, ett oslagbart nätverk och rådgivning. Du får även tillgång till Ny Tekniks digitala premiumtjänst, där du kan läsa om det senaste inom innovation, teknik och entreprenörskap.

AFFÄRSOMRÅDEN

Fackförbund

ANTAL ANSTÄLLDA

Sweden: 160
Globally: -

LETAR EFTER

Bachelor
Master
PhD

ERBJUDER

Career benefits

Legal guidance and assistance

Plenty of member benefits

Mentorship programme

KONTAKT

Kontaktperson: Medlemsservice
Telefonnummer: 08-6138000
E-postadress: medlem@sverigesingenjorer.se

S-SYNTRONIC



Do you want to create tomorrow's technology with the best colleagues in the industry?

With us, you will get the opportunity to grow professionally alongside committed and highly competent colleagues. We are a community of 1900 engineers who run exciting and challenging projects within multiple sectors in an international environment. Syntronic is a leading design house specialized in advanced product and system development, production, and aftermarket services. Our committed team of engineers apply the latest technology in electronics and software development to create solutions for world-leading companies and organizations.

BUSINESS AREAS

**Telecom, automotive, medtech,
industrial**

EMPLOYEES

Sweden: 300
Globally: 1900

LOOKING FOR

Bachelor
Master
PhD

OFFERING

Employment

CONTACT

www.syntronic.com

Uthmaniyah

STUDENT

UNIONEN

STUDENT

Unionen is Sweden's largest trade union on the private labour market. And the membership for Unionen Student is completely free (0 kronor)!

As a Unionen Student member you are entitled to our services which aim at making you better prepared for the working life.

We help you with job applications and advise you on matters regarding labour laws, employment contracts, salaries and more.

Learn more and become a member (for zero kronor!) at unionen.se/student

BUSINESS AREAS

Engineering union

EMPLOYEES

Sweden: 1000
Globally:-

LOOKING FOR

Bachelor
Master
PhD

OFFERING

Free student membership

Expert advice on salaries and conditions

CV assistance

Student discounts

CONTACT

www.unionen.se/student

Unjo – Superior Motion Control



unjo



Unjo develops, designs and produces customized motor controllers realized through electronics and software. A customized motor control is an effective solution, leading to reduced environmental impact. Our solutions can be found in products ranging from ventilation systems to large, specialized vehicles and many places in-between.

BUSINESS AREAS

Product development

EMPLOYEES

Sweden: 50
Globally: 12000

LOOKING FOR

Bachelor
Master
PhD

OFFERING

Employment
Master thesis
Summer job
Extra job

CONTACT

www.unjo.se

Henrik Svala, henrik.svala@unjo.com, 0702078179



V O L V O

Founded in 1927, the Volvo Group is committed to shaping the future landscape of sustainable transport and infrastructure solutions. Every day our customers use our products and services to transport, deliver, build, and ferry goods, objects and people around the world. Our products and services help to put food on our tables, carry people to work or school, build roads, keep our cities clean and much, much more, effectively helping to meet the growing demands of our world.

BUSINESS AREAS

**Automotive
Industry
Research**

EMPLOYEES

Sweden: 50 000
Globally: 105 000

LOOKING FOR

Bachelor
Master
PhD

OFFERING

Employment
Master thesis
Summer job
Opportunities abroad
Trainee
Internship

CONTACT

www.volvogroup.com/se/careers



TACK!

Vi som är FARM 2024 vill rikta ett särskilt tack till:

Fötetagen, som tog sin tid att besöka F-sektionen.

Mässvärdarna, utan vilka mässan inte hade varit möjlig.

Foton, Fysikteknologsektionens fotoförening för fotografering under mässdagen.

TeknologTryck för all hjälp med tryck av katalog.

*Vi hoppas att du är nöjd med
FARMMÄSSAN 2024!*



