

# FUSION

FYSIKSEKTIONENS  
ARBETSMARKNADSMÄSSA

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2022

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## **Notes**



# Välkommen till Fusion 2022!

Varmt välkommen till 2022 års upplaga av Fusion – Fysiksektionens arbetsmarknadsmässa. Vi hoppas att du kommer att trivas på vår (digitala) mässa och att vi kan erbjuda dig en värdefull chans till att knyta kontakter med alla spännande företag.

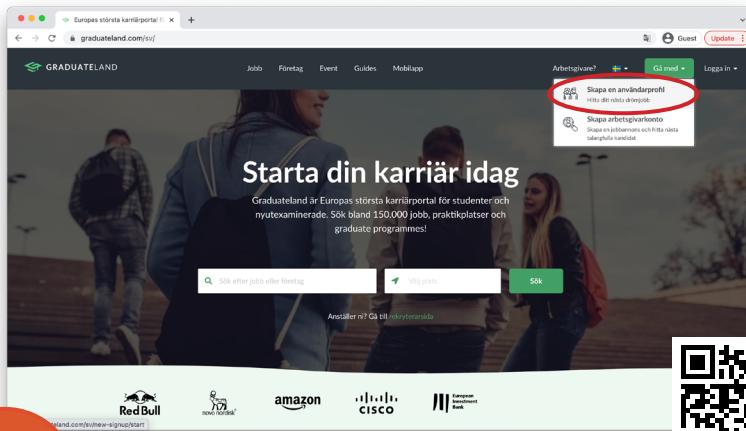
Mässan anordnas i år via plattformen Graduateland. För att besöka mässan behöver du skapa ett konto och sedan registrera dig på *Fusion 2022*. För att göra denna process så enkel som möjligt för dig som besökare kan du kika in guiden på nästa sida.

Vi i projektgruppen vill ta tillfället i akt och tacka vår huvudsponsor Ericsson för samarbetet och önska dig en trevlig mässa.

Happy fair!

# Guide: hur besöker jag Fusion?

För att besöka Fusion behöver du följa tre enkla steg. Om du redan har besökt en Graduateland-mässa tidigare (t.ex. Fusion eller Armada 2021) kan du hoppa vidare till steg 2 direkt!



1.

## Skapa ett konto

Först behöver du skapa ett konto på Graduateland. Det gör du enklast genom att besöka [graduateland.com](https://graduateland.com) eller genom att skanna QR-koden ovan. Klicka på *Gå med* och sedan på *Skapa en användarprofil*.

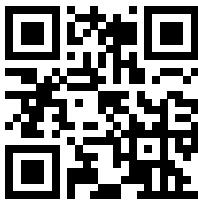
När du skapar ditt konto har du möjlighet att fylla i information om dig själv som kan vara värdefull för en potentiell arbetsgivare.

Se även till att ladda upp ditt CV för att utöka chanserna att just du blir kontaktad av en företagsrepresentant under dagen.

Fusion  
Event  
Anmälning  
Logga in

Kommande event  
25 jan Fusion 2022  
Fysikömnens arbetsmässdag  
Visa event

Tidigare event  
27 jan Fusion 2021  
Fysikömnens arbetsmässdag  
Visa event



2.

## Registrera dig på mässan

För att registrera dig besöker du [fusion.graduateland.com](https://fusion.graduateland.com) eller skannar QR-koden här intill, därefter klickar du dig in på Fusion 2022. Väl inne på årets mässa klickar du på den gröna registreringsknappen. Du är nu registrerad!

3.

## Börja nätverka!

Nu är du redo att besöka Fusion 2022 och börja nätverka. Lycka till!



# Ericsson

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Here at Ericsson, we create transformational technology, conceived, created and delivered to make people's lives easier, more fulfilling and more connected. But we don't simply transform technology. We transform people too, by giving them support, and learning and career development opportunities. You'll only get to start your career once. Let's make it a good one.

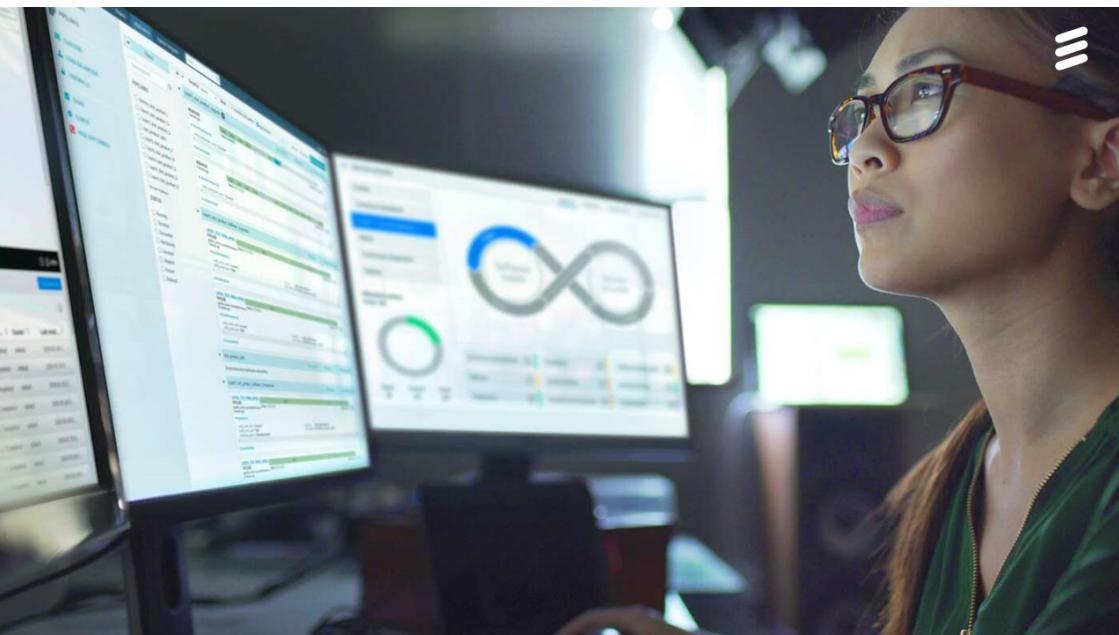
## Employment

- **Master Thesis**

Ericsson offers many opportunities when choosing your Master Thesis. Whether you are an emerging software developer, hardcore hardware ace and more, there is a place for you here to create your own future.

- **Summer Internship Program**

Being an Ericsson intern is something special. It's your chance to learn about the world of work – while you're working on projects that are changing the world of communications. You will experience the true



culture of our global organization, enjoying opportunities to work collaboratively with various departments, locations and leaders through daily job roles, special team assignments, social events and volunteering.

- **Early Career Programs**

ECP is designed to help our colleagues move into a global leadership role. We have two programs for you to consider, Innovate and Excellerate.

**Innovate** focuses on leveraging our technology leadership and is best suited for talented, innovative, and creative minds.

**Excellerate** gives you an outstanding opportunity to engage with commercial projects at a strategic and global level, rising up to challenges and becoming a leader.

- **Trainee Programs**

We have several different trainee programs designed to increase your knowledge and passion while helping you to develop so that you can get the most out of your experience with us.

- **Graduate Jobs**

Being at the beginning of your career is always exciting. But that excitement is amplified at Ericsson. We strongly encourage you to visit [Ericsson/careers.com](http://Ericsson/careers.com) and have a look at our openings. We value you and



## B-IQ

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B-IQ - An Identity and Access Management Consultancy Firm

Do you want to work in a constantly changing field, designing and developing IT solutions for handling personal data and access to IT systems?

B-IQ is a small firm of 5 people who are currently looking to expand our team. We are looking for system developers to help our customers with all steps in the development process, from gathering requirements and designing to developing, testing and deploying the solution. B-IQ is specialized in working with software from MicroFocus, and you will be customizing these products to suit the specific needs of each company.

We are looking for you who are driven, creative and who likes troubleshooting, problem-solving and working together with customers towards their goals. You will be given a lot of freedom and possibility to learn, and you will need to be able to work independently and take responsibility for managing your tasks.



## Sunstone

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We offer our clients highly qualified and committed IT consultants with great technical skills and the ability to understand each client's business. Sunstone maintains a stimulating and companionable work atmosphere. We endeavour to make our employees thrive and feel comfortable and to have a sound balance between work and private life.

### Available positions

- Summer Internships
- Junior Consultant
- Part-time Developer

### Relevant master's programmes

- Computer Science



# Studsvik

## Studsvik

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Studsvik offers a range of advanced technical services to the global nuclear power industry. Studsvik's business focus areas are fuel and materials technology, reactor analysis software and technical platforms for handling, conditioning and volume reduction of radioactive waste. The company has more than 70 years' experience of nuclear technology and radiological services. Studsvik has 520 employees in 7 countries and the company's shares are listed on Nasdaq Stockholm.

Read more at [studsvik.com](http://studsvik.com)

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### Available positions

- Project Manager (multiple)
- Theses
- Summer Internships

### Relevant master's programmes

- Nuclear Energy Engineering
- Engineering Physics
- Engineering Mechanics
- Systems, Control and Robotics



# SAAB

## Saab

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Saab is a leading defence and security company with an enduring mission, to help nations keep their people and society safe. Empowered by its 18,000 talented people, Saab constantly pushes the boundaries of technology to create a safer, more sustainable and more equitable world. Saab designs, manufactures and maintains advanced systems in aeronautics, weapons, command and control, sensors and underwater systems. Saab is headquartered in Sweden. It has major operations all over the world and is part of the domestic defence capability of several nations.

### Available positions

- Summer Internships
- Full-time positions
- Master's & Bachelor's theses

### Relevant master's programmes

- Computer Science
- Computer Simulations for Science and Engineering
- Electromagnetics, Fusion and Space Engineering
- Aerospace Engineering
- Information and Network Engineering
- Naval Architecture
- Machine Learning
- Mathematics
- Systems, Control and Robotics
- Engineering Physics
- Engineering Mechanics
- Applied and Computational Mathematics
- Cyber Security



## Megger

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Ett fungerande elnät är idag en självklar del av vår infrastruktur och en förutsättning för ett modernt och hållbart samhälle. Vi på Megger utvecklar och tillverkar bärbar testutrustning för elkraftsindustrin och våra produkter hjälper kraftbolag, elnätsägare och större industrier att öka effektiviteten och förlänga livslängden på elanläggningar över hela världen.

Sedan slutet av 1800-talet har Megger utvecklat och tillverkat elektriska test- och mästinstrument för förebyggande underhåll, felsökning och driftsättning av kraftverk, transformatorstationer och andra större elektriska installationer. Produktutveckling och tillverkning finns i Sverige, England, Tyskland och USA. Vi har också lokala försäljningskontor på många platser och distributörer över hela världen. På vårt kontor i Danderyd jobbar 120 personer varav 40 ingenjörer som arbetar med produktutveckling, vilket inkluderar allt från idé till färdig produkt. Även tillverkning och service ligger i samma lokaler, något som ger snabb återkoppling från produktion och kund.

Välkommen till vår monter!



## If

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Insurance is a vital part of a well-functioning and evolving society. We make sure our customers are correctly insured and feel confident enough to face risks and build for the future. When something happens, we help them rebuild and recover. We are there both at defining moments and for everyday matters. Our actions today have a big impact on our customers' future lives and businesses.

Our employees are the key to our success. Therefore, we recruit the best candidates, focus on good leadership, invest in continuous competence and team development, promote innovation and have fun together. If you are passionate and committed, you have every opportunity to create a bright future here at If.

We are looking for students who want to join us in solving real-world business problems using statistical modelling, coding, and close collaboration.

### Available positions

### Relevant master's programmes

- Summer Internships
- Part-time & Full-time positions
- Master's & Bachelor's theses

- Engineering Physics
- Applied and Computational Mathematics
- Mathematics
- Machine Learning
- Computer Science



## **My Academy**

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Bli studiecoach - Hjälp yngre elever med studierna.

Hjälp yngre elever med studierna. Vi söker dig som vill göra skillnad i andra människors liv och i samhället genom ett flexibelt extrajobb som går utmärkt att kombinera med studier.

- Tjäna 125 - 180 kr/h och få en tydlig lönetrappa
- Var med och gör skillnad i samhället
- Värdefull merit på ditt CV
- Flexibla arbetstider



# FOI

Totalförsvarets  
forskningsinstitut

## FOI

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FOI forskar för en säkrare värld. Så lyder vår vision som vi arbetar för att uppnå i allt vi gör. FOI, Totalförsvarets forskningsinstitut, är ett av Europas ledande forskningsinstitut inom försvar och säkerhet.

FOI verkar inom hela spannet av försvars- och säkerhetsfrågor. Vi gör säkerhetspolitiska analyser och bedömningar av olika typer av hot. Vi är ledande inom undervattensforskning och forskning kring explosivämnen. Vi utvecklar beslutsstödsystem och system där mänsklig teknik och organisation ska samverka. Vi forskar även kring rymd- och flygteknik, IT-säkerhet, radar, laser och andra sensorsystem, samt skydd mot farliga ämnen.

Institutet har ungefär 1 000 anställda. Cirka 800 av dessa är forskare på akademisk nivå. På FOI arbetar såväl fysiker, kemister, civilingenjörer, samhällsvetare, matematiker som filosofer med forskning, metod- och teknikutveckling, analyser och studier.



# Avioniq

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Avioniq is an innovator in the military aviation arena, specializing in advanced software for fighter aircraft and ground & air-based command & control platforms. We serve our partners in the defense industry, with cost-effective tools designed to improve combat efficiency with leading-edge technologies and unrivaled user-friendliness.

Our portfolio of AI-based products ranges from Decision Support Systems to Missile Models and Flight Simulators. Among a multitude of tangible benefits the applications offer advanced threat estimation, sensor optimization and missile model analysis.

Avioniq was founded in 2015 by a team of experienced Gripen pilots, Software engineers and Doctors in sensor fusion and behavioral science. A powerful merger of vast fighter pilot know-how, and cutting-edge expertise in the fields of Computer Science and Artificial Intelligence.

## Available positions

## Relevant master's programmes

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| <ul style="list-style-type: none"><li>• Theses</li></ul> | <ul style="list-style-type: none"><li>• Computer Science</li><li>• Computer Simulations for Science and Engineering</li><li>• Electromagnetics, Fusion and Space Engineering</li><li>• Aerospace Engineering</li><li>• Information and Network Engineering</li><li>• Machine Learning</li><li>• Mathematics</li><li>• Systems, Control and Robotics</li><li>• Engineering Physics</li><li>• Engineering Mechanics</li><li>• Applied and Computational Mathematics</li></ul> |
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AMPFIELD  
AKTIEBOLAG

## Ampfield

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Ampfield is a Swedish proprietary trading firm, with offices right between the Stockholm financial district and the Royal Institute of Technology. Our approach to trading is mathematical, rigorous and based on the scientific method. We use only quantified and validated edges to assume a series of small calculated risks with favorable risk/reward characteristics. The business is highly automated, with computers autonomously executing trades, while continuously monitoring risks. However, contrary to many other automated prop. trading firms, Ampfield's business model is not based on speed or low latency, but rather on superior mathematical modeling. We don't do arbitrage or make markets, and we don't participate in the arms race toward sub-millisecond execution. This has proven to be a successful strategy.

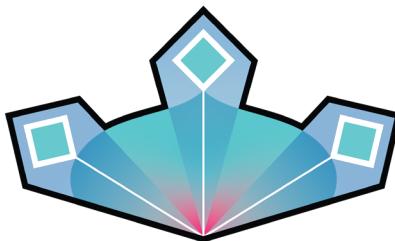
To complement our team, we are primarily looking for candidates with a background in the Engineering Physics program, with excellent academic records.

### Available positions

- Part-time positions for students
- Theses
- Full-time positions for graduates

### Relevant master's programmes

- Applied and Computational Mathematics



# zenseact

## Zenseact

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Zenseact's purpose is to make safe and intelligent mobility real, for everyone, everywhere. We develop the complete software stack for ADAS and AD, from sensing to actuation. Our focus is to build a single cutting-edge software platform in order to serve various levels of autonomy and offer unequalled scalability at the same time. We operate out of Gothenburg, Sweden and Shanghai, China. Zenseact's first self-driving deployment will be launched on the next-generation vehicle platform from Volvo Cars.

Self-driving cars, when real, are estimated to reduce fatal car accidents by more than 85%, saving more than 50,000 persons from dying in car accidents caused by human errors each year. We feel that is a goal worth pursuing.

But technology, software, tools and datasets would not mean much without the best people behind the wheel to drive them. At Zenseact, some five hundred of the best engineering minds globally, stationed across two continents, are collaborating with the same passion: to bring autonomous driving to the streets for real and create a safer journey for everyone. This is part of our culture and how we work, develop and grow together.

### Available positions

- Summer Internships
- Master's theses
- Full-time positions

### Relevant master's programmes

- Computer Science
- Electrical Engineering
- Engineering Physics
- Mathematics
- Information Engineering



