

Annual Report on External Relations and Visibility

at the School of Engineering 2021





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THE IMPORTANCE OF COLLABORATION

The School of Engineering (JTH) at Jönköping University develops and maintains extensive external relationships with the surrounding society both regionally, nationally and internationally. Thereby, building a strong and attractive academic environment in Jönköping while ensuring that JTH contributes to the renewal and development of society. External relationships increase our opportunities for skills provision, continuing professional development and applied research.

COLLABORATION AT THE SCHOOL OF ENGINEERING

The External Relations Council is led by the External Relations Manager. With the exception of the Department of Mathematics, Physics and Chemistry, each of the school's departments has one or more representatives on the External Relations Council.

The members' assignment is as follows:

For each department, 20% of a full-time equivalent is set aside for duties on the External Relations Council (exceptions may apply). The assignment can be shared by one, two or three individuals.

The member shall:

represent their department at external relations meetings and JTH in its entirety in contacts with external partners;

- in cooperation with other departmental staff, continuously seek out new, process old and nurture existing corporate assignments;
- be able to showcase the entire range of external relations (industrial placement courses (IPC), thesis projects, applied research, lifelong learning and competence development, higher vocational education, etc.);
- plan and structure work to ensure that annual goals are achieved; and
- submit a quarterly report on the activities conducted together with partner companies by each department, provide continuous feedback to the External Relations Manager and head of department and attend External Relations Council meetings.

JTH strives for a win-win situation between JTH and the business community.

THE EXTERNAL RELATIONS COUNCIL AND ITS MEMBERS 2021



External Relations Manager Linda Bergqvist



Research utilisation Jenny Bäckstrand



Project Manager, External Relations Stefan Brolin



Construction Engineering and Lighting Science Thomas Olsson, 10% Kharin Abrahamsson, 10%



Materials and Manufacturing Nils-Eric Andersson, 10%



Product Development, Production and Design Conny Larsson, 20%



Computer Science and Informatics Sonny Johansson, 10% Gunnar Hellsten, 10%



Supply Chain and Operations Management Magnus Vårbrandt, 20%



Vocational Education Anita Brun Nilsson

THE EXTERNAL RELATIONS TEAM

In 2021, the External Relations
Team consisted of External Relations
Manager Linda Bergqvist, Project
Manager Stefan Brolin, who focuses
on lifelong learning and SPARK ECG,
Jenny Bäckstrand, Project Manager for
international accreditation in external
relations, and LisaBeth Sundström,
recently appointed project coordinator
for external relations, with a focus on
student activities such as Karriärum,
Xjobbsmässan and VERA-dagen.



Linda Bergqvist External Relations Manager



Stefan BrolinProject Manager,
External Relations



Jenny BäckstrandAccreditation
Project Manager



LisaBeth SundströmProject coordinator

SUMMARY OF ACTIVITIES REGISTERED DURING 2021

As was the case the previous year, 2021 proved challenging due to the COVID-19 pandemic, which continued to affect JTH and our ability to collaborate. Despite the pandemic, the External Relations Council and the External Relations Team report the following figures:

During 2021, a total of 2 269 external relations activities were conducted. These included:

407 students undertaking IPC and/or thesis projects with companies

112 guest lectures

31 study visits to companies

44 cases from companies in courses

companies developing joint research grant applications

247 research activities

externally employed doctoral students

15 thesis projects within research projects

54 sponsors

51 networking activities

companies active in higher vocational education

The total number of reported companies with whom JTH staff have had contact (physical or digital) in 2021, based on figures from the External Relations Council and the External Relation Team:

715 unique companies!
+ 32 other higher education institutions

INTERNATIONAL CAMPUS

The International Campus program at JTH ensure that students can complete their placements or degree projects in collaboration with a company overseas, often in combination with academic studies.

Physical visits during 2021:

7 universities in the USA4 universities in Thailand

6 companies in the USA

5 companies in Thailand

Some of the companies visited:

Electrolux, Husqvarna, Volvo Trucks and IKEA.

INTERNATIONAL STAMP OF QUALITY FOR THE SCHOOL OF ENGINEERING

JTH was awarded the accreditation Engaged University by the international organisation the Accreditation Council for Entrepreneurial and Engaged Universities (ACEEU), receiving the grade Excellent in three categories.

In its final report, the ACEEU writes that JTH performed exceptionally in its evaluation and was therefore unconditionally awarded the accreditation Engaged University. This decison was greeted with great delight. "Absolutely splendid, we are incredibly proud of this accreditation. It is an international stamp of quality that validates that we are doing the right things in the right way in terms of preparing our students for professional life by interweaving theory with practice. The accolade Engaged University means that we are engaged in and contribute to society. This accreditation will undoubtedly open new doors for us and it shows that the research we conduct with our partner companies makes a real difference," says Ingrid Wadskog, managing director and dean of JTH.

Engagement and excellence

ACEEU is a global quality-assurance body based in Germany, dedicated to recognising and promoting entrepreneurship and engagement in higher education, so that higher education institutions can exert greater social, economic and cultural influence. According to the ACEEU, the accreditation Engaged University underlines the highlights education institutions' engagement and excellence and sends a clear message to students, the business community, academic partners, staff and financiers that the institution is a skilled collaborator.

Close collaboration with industry

Having performed an external review of JTH's close collaboration with industry, the ACEEU awarded the school the grade Excellent in the categories leadership, culture and education. ACEEU underlines that JTH's values and approach to leadership combine to promote

engagement and that the school's culture is also built on engagement. Furthermore, the report states that external stakeholders enrich students' learning experiences and open the way to a wide range of career opportunities in the private, public and non-profit sectors.

A network with similar ambitions

External Relations Manager Linda Bergqvist explains that this accreditation gives JTH access to a network of higher education institutions with similar ambitions that are keen to collaborate and remain relevant to the business community and society at large.

"It's no coincidence that we collaborate with some 600 companies every year. These external relationships ensure the relevance of the education and research we conduct and deliver to society. We have always done so and now we have received official recognition that we are good collaborators. This accreditation will benefit us in future when, for example, we are looking for collaborators or recruiting staff," says Linda Bergqvist.

In conjunction with the accreditation, a video was produced to show how JTH and some of its partners view external relations. Scan the QR code to watch the video.



Learn more about the ACEEU at aceeu.org.













The students in the project and their teacher Lars Eriksson during a visit to the Ikea Museum in Almhult

JTH's new accreditation received considerable attention, including on SVT, which covered both the accreditation and the launch of an IKEA armchair with a help function developed by Jönköping University students, an excellent example of the benefits of students collaborating with the business community. Students are able to meet companies and apply theory to practical challenges, while companies have the opportunity to meet the future workforce and develop their products alongside committed, innovative students.

THE SPARK CONFERENCE ON LIFELONG LEARNING 22 APRIL 2021

The conference provides a forum for the business community, academia and the public sector to meet and discuss how lifelong learning can strengthen the competitiveness of the region's manufacturing companies.

The 2021 conference was held online for approximately 130 delegates.

SPARK Award

The SPARK Award has been presented annually since 2018 to researchers and partner companies who have demonstrated a high level of collaborative skill.

JTH researchers **Annika Engström** and **Judit Svidró** received the SPARK Award during the SPARK Conference for the projects *Innovate* and *New Generation of Foundry Sands* (NGFS) respectively. Judit Svidró is delighted by the good collaboration she enjoys with the companies in the NGFS project.

"Our research results were immediately utilised by the companies to develop processes and internal innovations for more sustainable production and to reduce environmental impact," she says.

Bruzaholms Bruk is one of the partner companies in NGFS. CEO Lars Alfredsson emphasises that the research provides the company with vital knowledge for production and development.

"We are delighted to be part of this project. Among other things, it has given us methods for optimising foundry sands for casting," he says.

Annika Engström views the award as important recognition that she and her colleagues in Innovate

are on the right track and have found the right form of collaborative research.

"We are aware that we have received the SPARK Award in competition with many talented researchers and driven companies, something that naturally makes us extremely proud," she says.

Engström and her colleagues in Innovate have identified a number of methods and approaches to strengthen the innovative ability of small and medium sized enterprises.

One of the partner companies is Lundbergs Pressgjuteri, and CEO Cajsa Lundberg has found it an enjoyable and energetic project to be part of.

"It has given us a great deal in terms of knowledge about innovation. Annika has made us realise our strengths. I would love to have her as a coach in everything," says Lundberg.





The winners of SPARK award 2020 and 2021, Annika Engström and Judit Svidró, researchers at JTH

XJOBBSMÄSSAN, 28 MAY

The thesis project fair, Xjobbsmässan, was ,due to the pandemic, launched online as a Digital Showroom which opened on 28 May at <code>ju.se/xjobbsmassan</code>. A total of 26 thesis projects were presented by 42 students from various programmes at JTH. The Digital Showroom website attracted some 2,800 visitors. A new scholarship was awarded in the category Audience Favourite, voted for by visitors to the site.

The following degree projects were awarded scholarships:

Best Business Potential: *Streamlining Internal Materials Handling* by Christian Rosgren and Erik Nyqvist.

Best Presentation: Designing a Line Balancing Tool for Reconfigurable Manufacturing Systems: A tool to support investment decisions by Mohammed Elnourani Abdelmageed and Filip Skärin.

Audience Favourite: *Quality Perception Study in Sustainable Materials for Volvo Cars* by Irene Ramos Lapesa.

Industriell produktutveckling, produktion och design



Betydelsen av tillförlitligt underlag vid identifiering av förluster



Effektivisering av intern materialhantering

Logistik och verksamhetsledning



Utvärdering av dimensioneringsmetoder för att uppnå resultatsförbättring



Ett nytt perspektiv på plastavfallsflöden - från linjärt till cirkulärt

JTH MET ITS STRATEGIC PARTNERS IN SPARK AT HUSQVARNA

On 28 September, JTH held its annual meeting with strategic partners in the SPARK research and education environment. The meeting was held at Husqvarna.

JTH holds these meetings in order to deepen relationships with strategic partners in SPARK and to find out about their research agendas, challenges and strategies.

"We are keen to ensure that innovative and sustainable solutions to our strategic partners' challenges can be realised, as well as to secure skills provision. All projects conducted in SPARK are based on issues of importance to industry and the solutions developed in coproduction," says JTH's Associate Dean of Research, Salem Seifeddine, who is keen to emphasise that, through SPARK, JTH can continue to contribute to societal development and ensure that the science makes it into tomorrow's applications, thereby strengthening the competitiveness of Swedish industry.

Presenting practical opportunities

Joel Karlsson, production engineering assembly manager at Husqvarna, feels that SPARK meetings are important as they present opportunities for practical collaborations within SPARK and the benefits they can bring to Husqvarna. Here, he mentions artificial intelligence (AI) as an area of interest to the company.

"We need to be at the forefront of manufacturing and it would be interesting



Joel Karlsson, alumnus of JTH's Logistics and Management programme, now Production Engineering Assembly Manager at Husqvarna.

to see whether AI can create more efficient, quality-assured processes. SPARK also allows us to gain knowledge about AI from other companies and identify collaborations with JTH regarding how we can utilise AI," says Karlsson.

"Important to keep up to date"

Kongsberg Automotive plant manager Magnus Willman

notes that, due to the coronavirus pandemic, it has been quite some time since they attended this kind of meeting.



Magnus Willman, Plant Manager at Kongsberg Automotive.

"We are perfectly capable of running the factory on a day-to-day basis, but it's easy to lose track of what's going on in our business environment. It's important to keep up to date if we are to remain competitive and that's why we're here," he explains.

















SEPTEMBERLJUS, 25 SEPTEMBER

On the evening of 25 September, around 600 people attended Septemberljus, an event arranged by 24 lighting design students from JTH in collaboration with Jönköping Municipality. This year's theme was reuse and the students illuminated four sites around the square Hovrättstorget in Jönköping.



JTH ALUMNI OF THE YEAR

In spring 2021, Jönköping University decided to launch a university-wide Alumni of the Year project, with one winner from each school. In previous years, JTH has made its own award. During the summer, 12 nominations were received for alumni of JTH, both internally and externally. JTH management whittled this down to two candidates for consideration by the President, who conferred the title on Anna Ekberg with the following justification:

"Since graduating in 2011, Anna has worked as a lighting designer and has been involved in several acclaimed projects nationally and internationally for her new thinking. She has received the Swedish Lighting Award no less than twice. As an entrepreneur, with a lighting design company, Anna inspires many others in the industry as well as our students at the School of Engineering where she continues to contribute with knowledge and perspective from the industry."



VERA-DAGEN, 26 OCTOBER



Vera-dagen is an annual event intended to increase interest in engineering degrees and the engineering profession in general among girls in upper-secondary school.

At Vera-dagen 2021, Johanna Linder, project and business development manager at ProFlow AB, Victoria Andersson, vehicle project coordinator at Dutch company Lightyear, and Maria Riveiro, professor of computer science at JTH, described their own journeys and experiences as engineers. They were then joined for a panel discussion by Adina Valjakka, a student at JTH, Sofia Wånge, technical salesperson at Front Automation AB, Sofia Davidsson, business and project developer at Qtech Group AB, and Kerstin Johansen, senior associate professor at JTH. The discussion was moderated by Erika Falk, president of HITECH.

You can see clips from the event at ju.se/vera.



KARRIÄRUM, 17 NOVEMBER



On 17 November, some 100 companies and 1,500 students attended Karriärum, JTH's fair for industrial placement courses and thesis projects. After last year's digital event, there was wide-spread appreciation of the physical fair. Ingrid Wadskog, managing director and dean of JTH, feels that this year's Karriärum exceeded all expectations. "There was expectation in the air before the fair and it

"There was expectation in the air before the fair and it turned out to be an incredibly successful event. I walked around the fair and spoke to the students, companies and staff, and everyone was pleased. There were a lot of people but no overcrowding; the students spread themselves out well among the companies," says Wadskog.



JTH AT ELMIA SUBCONTRACTOR, 9-12 NOVEMBER

Northern Europe's leading subcontractor fair, Elmia Subcontractor, welcomed around 750 exhibitors, a couple of hundred less than usual due to the pandemic.

JTH participated in Elmia Subcontractor in a number of capacities between 9 and 12 November. **Annika Engström**, senior lecturer at JTH, led a panel discussion on the research project Innovate, while 17 students from JTH took part in a sustainable production workshop with several companies.

The workshop was arranged by Gnosjö-based company MakersSquare with the aim of highlighting the innovative capacity of manufacturing companies to develop sustainable production and sustainable materials.

"A major issue for our generation"

Ida Fahlberg, who is enrolled in the Master's

Programme in Industrial Design at JTH, was one
of the students who attended the workshop.

"It's super interesting to hear about the specific challenges that companies face when it comes to sustainable production and sustainable materials, both current and future. This is going to be a major issue for our generation," says Fahlberg.



Master's students Benjamin Fodor and Ida Fahlberg at JTH thought it was interesting to attens the workshop in sustainable production and sustainable materials with the company MakersSquare at Elmia Subcontractor.



Panel discussion about the research project Innovate, led by project leader Annika Engström (to the left)

SPARK TALKS

SPARK Talks is a series of lunch webinars intended to highlight various topics that may be relevant to researchers or other staff working in projects.

Three lunch webinars were held during 2021:

- The SPARK Award and Success Factors, with the winners of the 2020 and 2021 SPARK Awards.
- JTH Associate Dean of Research Salem Seifeddine and Anders Marén at Vinnova, discussed how Vinnova's funding structure supports SPARK's research areas within knowledge-intensive product realisation.
- Erik Eiliasson, senior research advisor at the President's Office, discussed the new EU Horizon Europe research and innovation framework programme, which will run from 2021 until 2027 with a total budget of €95.5 billion.

KERSTIN JOHANSEN RECEIVES COLLABORATION AWARD

Kerstin Johansen, senior associate professor at JTH, was awarded the 2021 Collaboration Award in memory of Anders Ahlström. The prize is awarded by Automation Småland, a strategic collaboration between over 20 automation companies in the region.



Scan the QR code to read the jury's justification.



SPARK ECG —

A great deal of work has been performed during 2021 to develop a future digital platform for SPARK ECG. From 2022, all new and some existing projects will be phased into the new platform Koll365, which has been developed in collaboration with our IT partners JSC in Nässjö.



Some quotes from industry partners on this year's ECG:

"Research is being conducted at a high level and this is something we couldn't do alone in-house."

"The project has provided the company with the tools we need to develop as a single team, with everyone participating in our development."

"The results of the project have exceeded all expectations."

COMPANY ECG

We use Company ECG to measure what companies think about their collaboration with JTH and what we can develop in the future. The survey is conducted every other year and 24 companies took part in spring 2021. Company ECG is implemented by Finnveden Säljkraft AB.



Two paragraphs from the report are reproduced below.

WHAT GRADE WOULD YOU GIVE JTH ON A SCALE 1-10?

2017

2019

2021

7.1

8.0

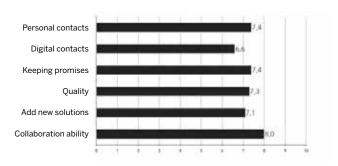
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OUT OF 10

OUT OF 10

OUT OF 10

HOW WOULD YOU ASSESS JTH REGARDING THESE ASPECTS?



UPDATES ON THE WEB

In Spring 2021, the JTH landing page was given a makeover and the alumni website was updated in the "new" style. JTH's collaboration offer changed during the year, from 7 themes and 30 offers to a division into main offers, other offers and offers to established partners. This extended to changing the offer page on the website.

School of Engineering

The School of Engineering in Jönköping is one of the country's largest educators of university engineers. We collaborate with the business community in the region so that students receive an education adapted to the needs of the market. Therefore, our educations include not only technical knowledge but also entrepreneurship, leadership, communication, sustainable development and the opportunity to make international contacts during the study period.

Our educations



Study at School of Engineering

The School of Engineering offers education at bachelor, masters and doctoral levels (first, second and third-cycle levels), and 2-year courses at university college level and higher vocational education level.



Research

The research at the School of Engineering focuses on knowledge-intensive product realization in collaboration with the business community. We also run the research and education environment SPARK.



Collaborate with us

Research and education at the School of Engineering takes place in collaboration with the surrounding society, regionally, nationally and internationally.

Collaborate with the School of Engineering

There are many benefits to collaborating with the School of Engineering. Our students are the innovators and employees of tomorrow who come but with the fatest knowledge in their respective areas of education. Together with component, but



School of Engineering Alumni Relations

We as the School of Engineering would like to have contact with you as an eluminal (former student) "Opporter we can be refl. from each other's browledge and experience. The alumn's experiences from working the and the knowledge they have about the School of Engineering are an invalvable asset for the schools do











NATIONAL ADVERTISING

JTH ran ads in a number of media during 2021 to reach potential partners with, for example, the benefits of collaborative research. Both digital and print media were utilised with ads run in *Dagens Industri*, *Ny Teknik*, *Svenska Dagbladet*, *Affärsresenären* and *Inrikes*. Below is a good example of how to advertise in industry publications, in this case foundry industry newspaper *Gjuteriet*.

EXAMPLES



Ny Teknik February



Svenska Dagbladet



Dagens Industri September



Ny Teknik September



Inrikes
December







Gjuteriet

#6 2021

Ny Teknik

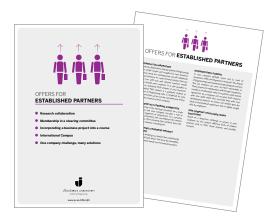
October

Affärsresenären

November

PRINTED MATTER

A number of print publications have been prepared during 2021, including an updated offers card, which is now available in three types rather than seven. The industrial placement course/thesis project brochure has also been updated. Printed matter is available in both Swedish and English.





STUDENT RECRUITMENT

Eight videos were produced during spring 2021, in which students and alumni discuss their reasons for choosing to study at JTH. A catalogue of JTH programmes was prepared during the autumn to supplement the inspiration catalogue sent out each year by the Communications Department. During the autumn, Bright Mind Agency was also commissioned to produce four additional videos and an ad campaign on social media prior to the spring 2022 application period.



The JTH Programme Catalogue 2022/2023 had a print run of 22,000 copies and was sent to 20,000 third-year upper-secondary students on science or engineering programmes. The catalogue has also been sent to study and career counsellors.





Victoria Andersson and Aref Ashrafi were among the alumni who appeared in JTH's recruitment videos during the spring.

NEW ADDITIONS TO THE IMAGE BANK

The services of a professional photographer were engaged in September to take new photographs. The new photographs will be available in Jönköping University's media portal at ju.mediaflowportal.com. You can see a selection of the new photographs below.



















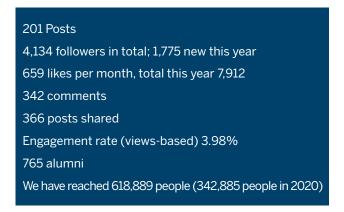
UPDATED PHOTO WALL IN THE JTH LOBBY

As new photographs were available in the autumn, the opportunity was taken to replace the photos in the light boxes in the lobby. The images were selected by the departments.



LinkedIn

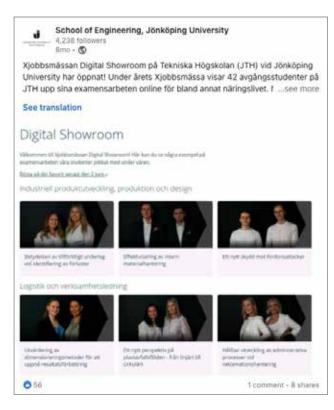
LinkedIn January 2021–December 2021:



In 2021, JTH's LinkedIn profile category was changed from "company" to "higher education". This means that when a user adds JTH to their education in their profile, they will automatically be listed as an alumna or alumnus on JTH's LinkedIn page. Information about alumni is also displayed, including where they live and work.

During the year, JTH became one of the first Swedish higher education institutions to be approved for LinkedIn Live Video. Among other locations, live broadcasts were made from the Karriärum careers fair and the Husqvarna course opening exhibition.

The following posts attracted considerable attention.



Highest engagement rate: 11.63%



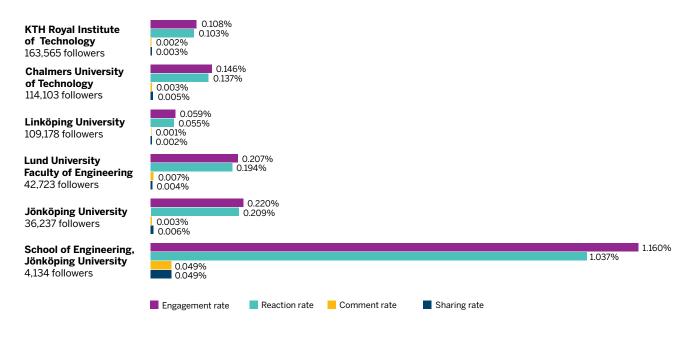
Most views: 23,287; likes: 428; clicks: 848; and comments: 72



Most shared: 22

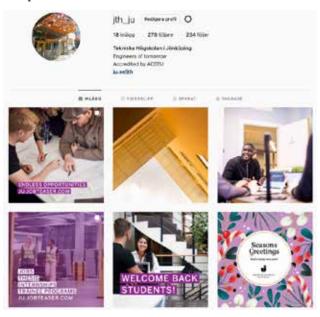
Examples of how JTH relates to other Swedish higher education institutions based on number of followers during 2021

The engagement rate measures the engagement of followers in the account's content based on likes, comments and shares.



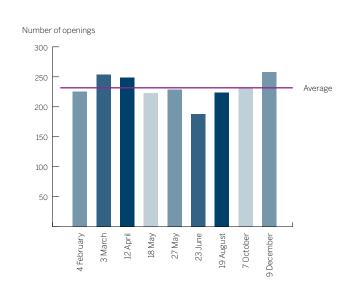
INSTAGRAM

JTH launched an Instagram account in autumn 2021: @jth_ju. While the account is primarily intended as an information channel for current students, it can also be used to reach prospective students, alumni and partner companies.



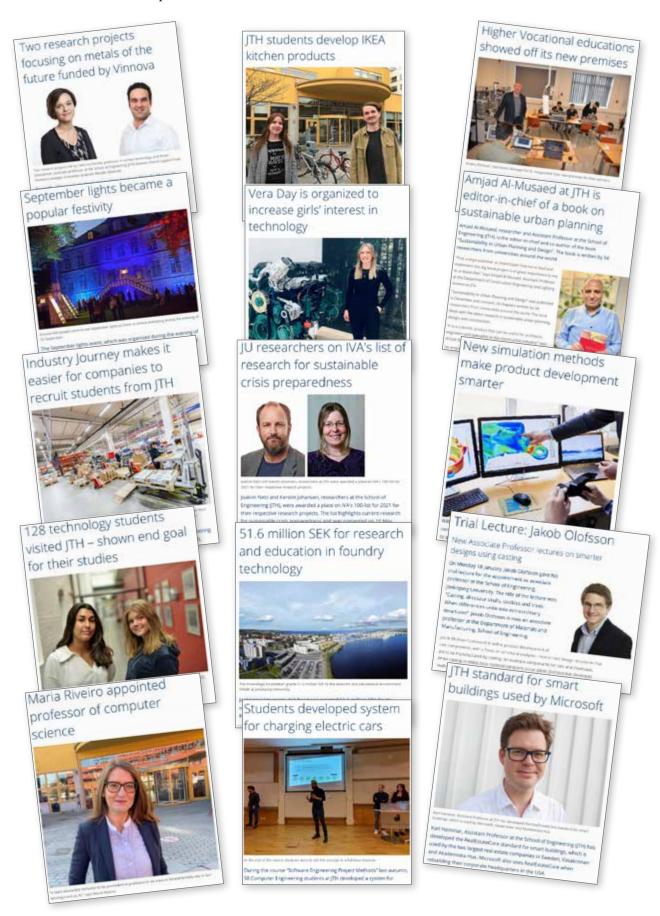
NEWSLETTER

In 2021, JTH mailed out nine newsletters to 1,029 subscribers. On average, the newsletters were opened by 231 people. Several opened the newsletter several times, which may happen when forwarding to others.



INTERNAL COMMUNICATION

In total, 95 intranet articles plus 41 news articles at ju.se or the research website related to JTH were published in 2021. You can see some examples below.



COMPANY LIST 2021

List of companies/organisations that JTH staff had contact with during the year

3Button Group	Arkitekthuset i Jönköping	Bruzaholms bruk AB	Columbus
3M Peltor	Arkitekturanalys Sthlm AB	Bryne	Combi Wear Parts
3XN Architects	Arla	BSV Arkitekter och	Combitech AB
ABB	Astra Zeneca AB	ingenjörer	CompTech
AC Floby AB	Atea	Bubs	Concrete print
ACC	Atelje Lyktan	Bufab Lann	Conservator AB
AD Manus materialteknik	Atterfors Consulting AB	Bufab Sweden AB	Consid AB Värnamo
Adapt AB	Auralight	Building Point Scandinavia	Consolis strängbetong
AddNorth	Autoliv	Butong	Control Depot
Adgrowth AB	Automotive Components	byBrick Interface AB	Contruster Engineering AB
AD-plast AB	Floby	ByggDialog AB	Cornerstone Technologies
AFRY	AWAIO	Byggekologi Varis	SRL
AGES Casting Unnaryd	Axelent	Bokalders	COWI
Agility	Baca light	Byggföretagen Skaraborg	Creative Technology
Agroväst	BAE SYSTEMS	Byggmax	Northern Europe AB
Al Sweden	Baettr Guldsmedshyttan	Byggmästarförening	Creative Works Sweden AB
Akademiker försäkringar	Beijingzhongweishi culture	Byggmästarna i Skåne	Creo
Akademiska hus	Belysningsbranchen	Byggnadstekniska Byrå AB	Cube Corner AB
AKCon	Bengt Erlandsson Design	Byggtjänst	Cybercom
Akershus County	Bergners Bil	CadCraft	Cygate
Municipality	Bertil och Britt	Calås Innovation AB	DaloLinden
Aktiebolaget Dahréntråd	Svenssons stiftelse för	Camfil	Datakraft i Småland AB
A-lackering	belysningsteknik	Camp Scadinavia AB	DB schenker
Alfa Quality Moving AB	BGR, Business Gnosjö Region	Campus Ljungby	Delex
Alfa Skogsservice	Binovi AB	Candor	Deloitte Zrt.
Alfasoft	BlockchainX AB	Cardi	Delour AB
Algeco	Blue Wall Construction	Carefox	Derome Byggvaror &
Allevi Group AB	Bläck & Co	Carlsberg Ramlösa	Träteknik AB
ALMI	BoKlok	Castra	Designcentrum Jämtland
Alten		CEJN AB	Designtak
Altopounto AB	Bombardier Transportation Sweden AB	Centiro	DHL Logistics
AMB industri AB	Bondtech AB	Cervera	Dick Birgerssons minnesfond
AndPeople	Borlänge Municipality	Cetasol	
Andrenverken	Bosch Thermoteknik AB	CGI Sverige AB	Difi
Aneby Municipality	Bostads AB Vätterhem	Cind AB	Digital Natives Ltd.
Annell belysning	Botkyrka Municipality	Cirkelbyggarna	Digtory AB
Any4m AB	BreadeEscalope	Ciscon	Distancify AB
AP&T	Brenderup	Clas Ohlsson	Distriktsveterinärerna
	Brilliant Bilvård	CloudIQ	Divid
APE Konsult AB	Bring Cargo International	CNC Snickerier	Dizparc
Apple Inc.	Bring Parcels AB	Cogent Power	Swedish National Courts Administration
AQ ENCLOSURE SYST.	Brixly AB	(Surahammars Bruks AB)	Doxa Plast
Aritco AB	DIINIY AD	Colmeo AB	υσλα Γιασί

Hjältevadshus **Drake Analytics** Folke Bernadotte Academy Jyväskyle light festival DT-konsult AB FollowU AB Holsbyverken i Vetlanda Jönköpings Borgarekassa och Bjuggska fonden **Duroc Laser Coating** Formteknik i Gislaved AB Holst entreprenad Jönköpings Energi AB Forsberg & Tibell Kyl Hooks Herrgård **EAB** Jönköping Municipality, Echo Graphic Forsheda Hus Horda Gruppen AB **Urban Planning** Edströms AB **Fortinet** Hotell Nissastigen Department Fouroffice **HSB** Göta EEF, Energi Effektiviserings Jönköping Municipality, Företagen **Technical Services** Fresenius Medical Care Huawei Tech AB Department **EFKAB** Frid & hell's bygg ab **Hubbiot AB** Jönköpings läns **EIT Manufacturing** Fristad plast Hublys byggmästareförening Ekkono Solutions AB Front Automation Husqvarna Group AB K.B. Components AB **Eko Instruments** Fundo Hydro K.D. Feddersen Norden AB Eksjö Nu Höglandets Föreningen bättre synmiljö KABF AB samordningsförbund Eksjöhus modulbygg ab Försvarsmakten Kajsa & co Elajo el- och energiteknik AB IC Mercedes Gamesys Kamisky **ICP** Electrolux Garlic Tech Kft Kapsch TrafficCom Elgiganten Logistik Idata **GARO** Karema **IKEA** Elitfönster **GBJ** Bygg Karl H Ström Elmia AB **IKEM** Gela Plast AB **KB** Components **IKG Emballator AB** Geodis Sweden KD Feddersen Emballator Lagan Plast **IMA Norscan** Gjuteriföreningen Keycast **Industrial Development EMBEDDEDART AB GKN** KEYnet Sweden AB Center West Sweden AB E-motions Gnosjö Automatsvarvning Kinnarps Informationsbyggarna Energimyndigheten Gnosjöandans näringsliv Kitron AB Infospread Euro AB Engel Grafitgrå Klipsk AB Ingelsten & Co **Enter Gislaved Grand Public** Klättermusen Insatt **EON** Communication Know e AB Interal AB **Epiroc** Granges KnowIT INVID Jönköping AB Erco Graphmatech Koenigsegg Automotive Inwido Eriksson och Lönn Greenworks Tools Kongsberg Automotive AB iQiyi **ESG** Gränges Sweden AB Kunnskapsbyen Lilleström IQ-Samhällsbyggnad m fl Eslöv Municipality Gullåkra Consulting AB Kvadrat AB Ire Metall AB **ETAP** Gärahovs Bygg **KVM Golventreprenad IRMA AB** Etteplan Sweden AB Göte och Linnéa Öhrskogs City of Copenhagen Stiftelse Isaberg Ewes AB Lammhult Göteborgs Stads Leasing **ITAB** Fagerhults Belysning AB Landskapsgruppen Götenehus AB Itab Shop Products AB Falks Metall AB Lastbilscentralen Hagab AB JeldWen Fastighetsägarna Leax Group AB Jönköping Chamber of Jernkontoret Fergas AB Commerce Lennartssons JGA Linneryd Fergas North Europe Hans K Global Furniture LG Collection/Pelly Group Jim Colin Ljusrådgivning Fergin Havredals biodevelop AB Light Bureau John Deere Forestry AB Finnvedsbostäder AB Hedareds Sand & Betong LightGreen Health Jolek i Tranås AB FlexApplications Sverige AB Lights in Alingsås Swedish Board of Flexator AB Hemfosa Fastigheter AB Agriculture Liljewalls arkitekter Floby Herenco AB Jordi Hans Design Lindab Flux Het lux lab JSC IT- Partner Linde Material Handling Flygkraft AB Hidealite AB JSL (Jan simon Light) Fläktgroup Sweden AB Hifab AB Lindholmen Science Park JYSK Distribution Center High Chaparral

AB Orango AB Rebel Light Moramast Link Arkitekt Morot Orkla Wound Care **Red Capes** Oscar Pedersen AS Redfield City of Linköping Mpire AB Reebel Control P.O.P. Plating on Plastics AB LJ Produkter MSM Forsheda Stålverktyg P9 Projekt AB Region Jönköping County Ljungsåsa MySigma AB Region Jönköping County Ljus i Hus Paddelarena Bankeryd IT Centre Mötesplats Steneby/GU Ljusinitiativet **Padelplay Ventures** Region Jönköping County LMK Landskaps- & Palmgrensgruppen Municipal Development Naturbruksgymnasiet markkonsult Kenth Paloma designstudio Stora Segerstad Region Jönköping County Henriksson AB Paloma Ljusdesign Naturbruksgymnasiet **Regional Property** Logistic Professionals Tenhult Papaia AB Region Kronoberg Logistik konsult NCC PE Teknik & Arkitektur Region Sörmland Logpoint South Sweden Nefab AB Peab Sverige AB Reilers LP Tech AB Nelco Contact Pelly Relevans Lucky Seven Netmine AB PINI Sverige AB Resinex Luddox AB Nettans Skönhetssalong Placell Resurs Bank AB LUMA Nevotex Plan B BIM Riksbyggen Lundbergs Pressgjuteri Nexans **Plant RISE Lund Municipality** NHO Plecon AB RISE IVF AB Länsförsäkringar Nilsson Crwth AB PLM Group AB Jönköping ROL Ergo AB **NIMAB** Polarbröd AB Rosti AB Länsstyrelsen Nitiu AB Polykemi M1NO SA Consult Nivika AB Polymercentrum MainQ Saab AB Nobia AB Polymertekniska Institutet Saab Avionics Maintrac AB Nolliplan Saab Training & Simulation Makersquare AB **Pontarius** Norconsult AB SAAN ENERGI AB MAN Postnord Nordic Furnaces AB Saiboo Maptun Performance Powercell Sweden AB Norlux Marbäck Tricot Sandvik AB Powerinit Sverige AB Norrlandsgjuteriet Maskinleverantörerna Sandvik Coromant AB **PowUnit** North Castle AB Scanbox Mastec Precomp solutions NovaCast Systems Scania, Södertälje Mastec Components PreFast Sverige AB Novemberbolaget Scania CV, Oskarshamn Maxeon Preference **NPB** Automation Maxiom AB ScapaInter Previa NTNU Mediaspiuth Science Park Jönköping AB PreWoe NuVab Science Park Skövde AB Merlinum Forklift AB Näringslivsutveckling i PrismaTibro Sekonden IT AB micQ Vetlanda Profilgruppen Extrusion **MILJÖBRON** Selmiteks Tekstil san. Ny Studio Projektengagemang AB Semcon Sweden AB Miljögiraff Nyköping Municipality Projektteknik AB Sensetime MiMadre Nära vård digitalt ProLog Utveckling Separett MindRoad AB Nässjö Affärsverk AB **PROTON Technology** MN light solutions Serneke Sverige AB Nässjö Municipality Prototal AB Servicekuben Modmo Nässjö Municipality, Urban Pythagoras Planning Department **SEW Eurodrive** Modular **Qtech Group AB** Nässjö Näringsliv Modular Lighting Shanghai 9you Network Randstad Instruments Technology **OBOS Sverige AB** Rapid Dimension Shanghai Kingdee Network Moelven Odenfönster RAW property Moldex SHIFT Electric Mobility One Partner Group Read The Label AB Sibelco Nordic AB Monki (H&M Group) Orange Cyberdefense

Tenzo AB Veldi Kompetens SICS Outsourcing Stora Enso Packaging SIDA Strusoft Thage Verendus System AB Vertex BD Siemens Energy STRÖMSHOLMEN AB The Ethical Move Vesuvius Scandinavia The Industry Sweden AB Sigfrid Stenbergs Svensk Byggtjänst Vetlanda Municipality Swedish-Ethiopian Thermo-Calc Software AB Sightline Association Sigma Industry South AB Thule Sweden AB Viadidakt Svensk TietoEVRY Sweden AB Sigma Technology MID Vibracoustic Ytbehandlingsförening SigmaMecer Tjolöholm Castle Vinnergi AB (SYF) Sinf Virtual Manufacturing Tjugotjugoåtta AB Svenska Hem AB SinterCast AB **TKL Logistics** Viskan System AB Swedish Institute (SI) Skanska Sverige **Toolmarks** Visulent Church of Sweden Tosep Vision AB Vix Speakit AB Skara Municipality Svenskt Aluminium VM EXIM SERVICE Skaraborgs **Tower of Babel Education** Swedish Construction Co Ltd Byggprojektering Federation Volvo AB Toxic Interactive Solutions Swedish Tax Agency Swedish Association of Volvo Cars AB **Graduate Engineers** Skedsmo Municipality **Volvo Construction Swedish Transport** Svero Lifting AB SKF Mekan Equipment Administration Svetruck AB Volvo Group IT Skogslunds Gjuteri Tranås Resebyrå **SVP Worldwide** Skogsstyrelsen Volvo Group Trucks Tranås United Operation Swadara Engineering AB Skolfastigheter i TREEM/Thor of Sweden Volvo Penta Stockholm AB Sweco Trelleborg Sealing Swedish National Agency Volvo Personvagnar Swecon Solutions for Education Anläggningsmaskiner AB Volvo Powertrain Tribia Skrida AB Production Swedev Trimble Volvo Technology AB Skånetrafiken Swefos AB Trivselhus **VPS** Skärteknikcentrum Swegon Operations AB True & Elegant Värnamo Municipality Skövde Municipality Swerea Kimab Träcentrum Värnamo näringsliv Smålands Swerea Swecast **TUC YH** Produktivitetsförening W Must AB **SWEROX** Smålands Stålgjuteri Tunga fordon **WBA** Symmetry Sogeti Sverige AB **TURA** Weland Solutions Sävsjö Municipality Soliber ingenjörer AB Turab Weland Stål AB Sävsjö Näringslivs AB Somsri Garment Company Tyréns sverige WESTAL AB Södra Munksjön Tänk-Om Sordin Utvecklings AB Wester+Elsner Arkitekter AB **UD Trucks** Space Maker Tacton White arkitekter Ulricehamn Municipality Sparla AB **Tapwell** Wilhem AB Spotify AB Ultrapolymers Nordic AB Taylerd AB Winell och Jern arkitekter AB Standex Engraving Unicarriers Europe AB **TeamEngine** Wingårdhs arkitekter Sweden AB **Universal Prediction TeamOlmed** Wirtgen Sverige AB Statens fastighetsverk Unnaryds modell AB **TECCA** Wisest Stavanger Steel AB Utvecklingscenter för Association of Swedish Wog Trä Fältservictekniker Stema **Engineering Industries** Woolpower Stena Aluminium VA Svd Teknisk Fastighetsservice WSP group AB Stena Line AB Vaggeryd Municipality Tekniska föreningen i XAL Jönköping Minnesfond Valmet AB Stena Recycling AB X-cen Tekxel ValueOne Stitec Xense Vision AB Telia Company Valuesmatch AB Stockholm Lighting **Xylem Water Solution** Tells City of Stockholm Vara byggkonsult AB Manufacturing AB **Development Office** T-Emballage Förpackning Vasakronan AB Yaksha Visual Technologies City of Stockholm Tengbom **VBG Truck Equipment** Yansu

YASKAWA

Yellon Arkitektur

Yibber

YLAB Larssonbygg

Yovinn

Zero

Zilverware/Sensorbee

Zitac

Zmarta

Zynka/Semren Månsson AB

ÅF-Industri AB

Åhlin & Ekeroth

Ätbart

Öhlins

Österby Gjuteri

Östrand & Hansen AB



Helena Zar Vallin CEO, Jönköping Chamber of Commerce



JTH is an obvious partner for the Chamber of Commerce in the continued good collaboration between academia and the business community, in which JTH is a very important stakeholder in ensuring that companies continue to develop and have access to skills. JTH is good at maintaining broad contacts with the business community, as a visible and active promotor of commerce throughout the region.



Andreas Rangert VP Product Management & Development, Husqvarna



It is important that the region continuously develops and that competence increases over time. It is therefore vital to contribute to ensuring that Jönköping and the surrounding area continues to become even more attractive as a region in which to study, work and live. We see collaboration with JTH as an important part of achieving this and for the Husqvarna Group remaining competitive globally.



Karl-Johan Magnusson SVP Product Development Thule Group



We should always be at the forefront of developing and designing smart, high-quality products that help users to live an active life. Collaboration with JTH gives us access to a deep well of engineering expertise and a great deal of energy in the students' engagement. It is also a way for us to establish valuable contacts for future employment.

Thule Group)

Johanna Nilén Consultant Manager, Combitech AB, Jönköping



Working with Jönköping University and JTH comes naturally to us given our existing collaborations, whether that be industrial placement courses for students or various types of research collaboration in fields such as AI and digital transformation, as well as other important industrial contexts through SPARK. This provides us with an opportunity to define our profile and strengthen cooperation with our customers so that together we can develop the local skills profile in the region.

COMBITECH