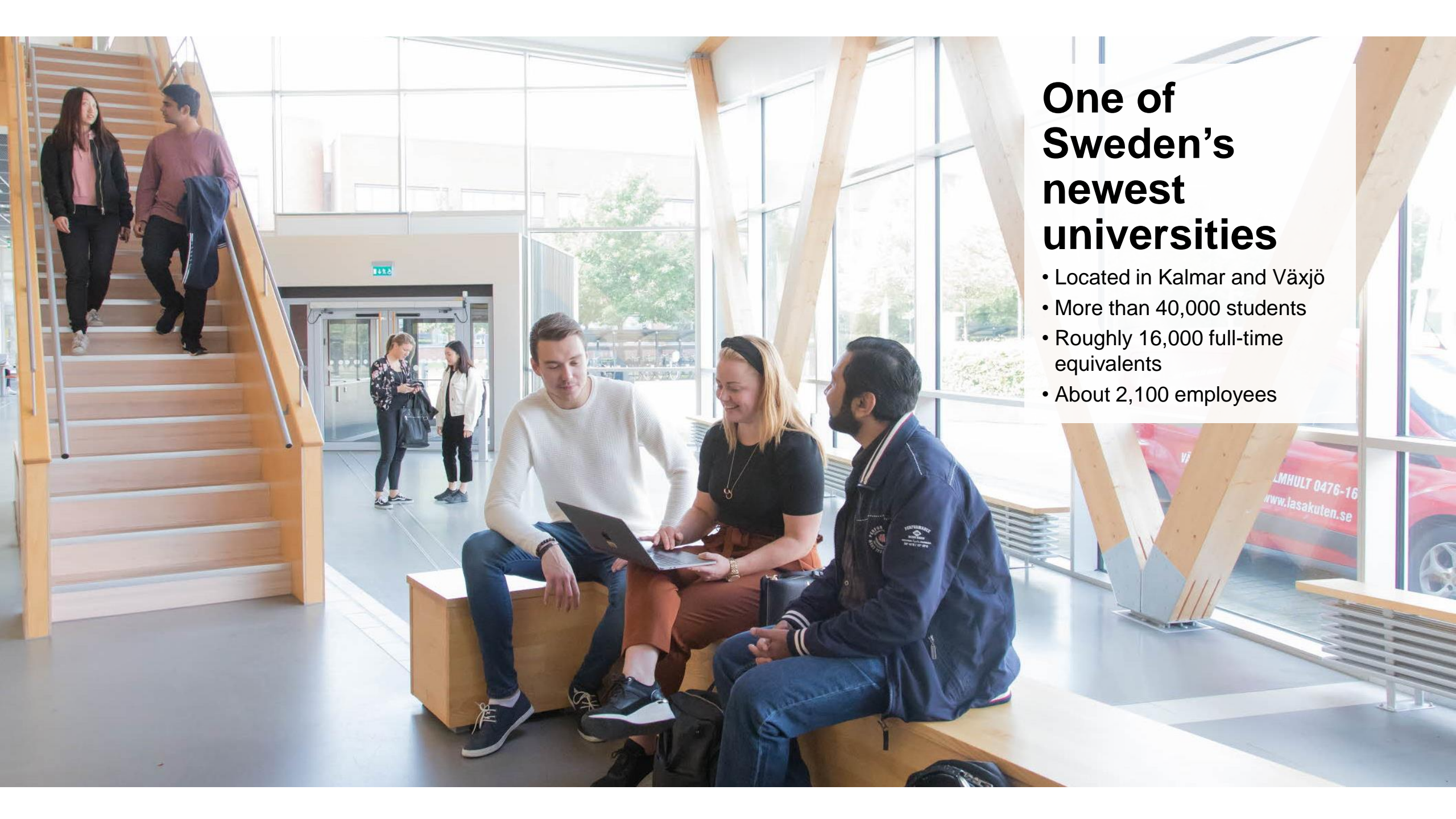


Linnæus University

We set knowledge in motion for a sustainable societal development



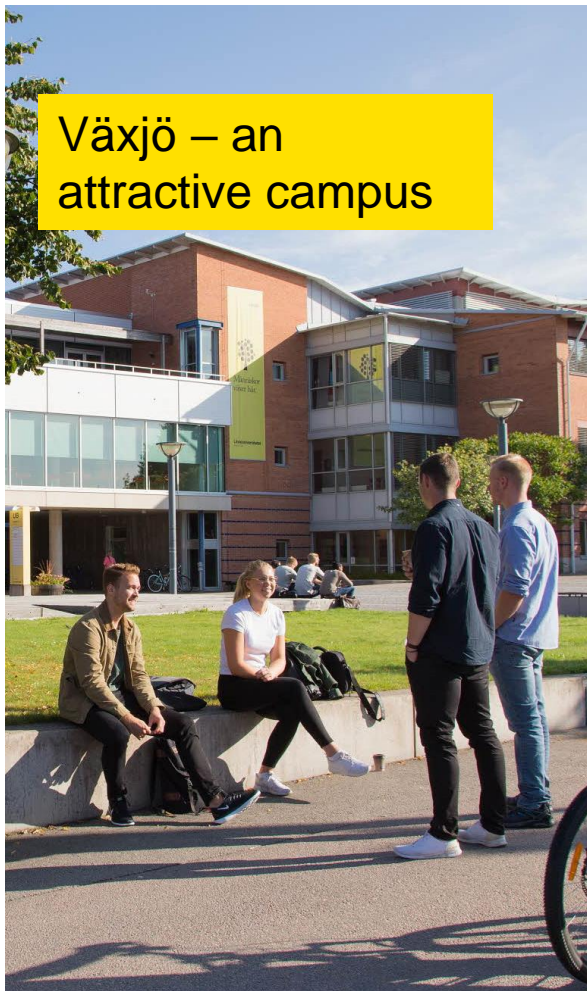
The image shows a bright, modern university interior. On the left, a wide wooden staircase with metal railings leads up. Two students are walking down the stairs. In the center, three students are sitting on a low wooden bench, looking at a laptop. The background features large glass windows and doors, with other students visible in the distance. The architecture includes prominent wooden structural elements.

One of Sweden's newest universities

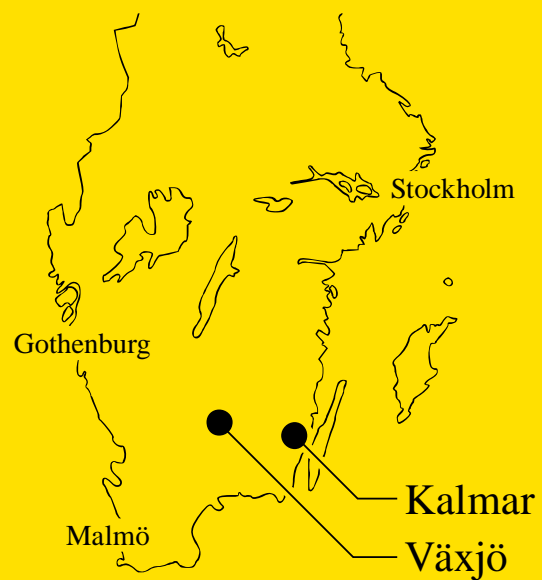
- Located in Kalmar and Växjö
- More than 40,000 students
- Roughly 16,000 full-time equivalents
- About 2,100 employees



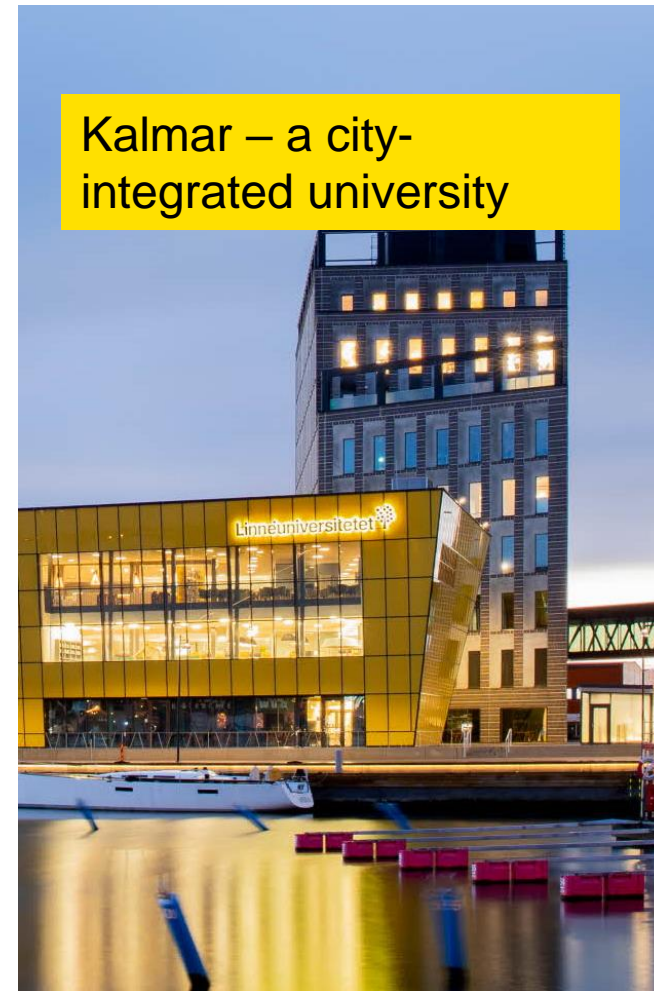
Växjö – an attractive campus



An attractive campus area in the middle of the city



Kalmar – a city-integrated university





Organisation

Faculty of Arts
and Humanities

University Administration

Finance Office

Office of External Relations

HR Office

IT Office

Communications Office

*Office of Facilities Management and
Services*

Office of Student Affairs

University Library

Executive Office

Linnaeus University's vice-
chancellor is Peter Aronsson,
professor of history

Faculty of
Social
Sciences

Faculty of
Technology

Faculty of Health
and Life Sciences

School of
Business and
Economics

Board of Teacher
Education

Where knowledge grows.



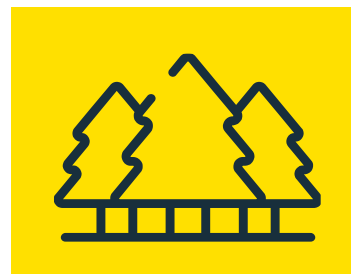


Faculty of Technology

Dean:
Jesper Andersson, professor in computer science

400 employees
300+ faculty

Campus Kalmar
Campus Växjö



Departments

Built environment and energy technology

Forestry and Wood Technology

Building Technology

Informatics

Computer Science and Media Technology

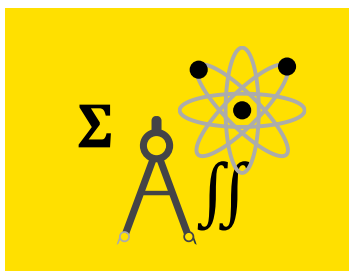
Informatics

Physics and Electrical engineering

Mechanical engineering

Mathematics

Kalmar Maritime Academy



**We set knowledge in motion for
a sustainable societal
development.**



Education

- About 3,000 students on technical programmes
- 23 first-cycle programmes level and 19 at second-cycle
- Kalmar – programmes in maritime science, science and computer/IT
- Växjö – programmes in engineering, technology, natural sciences, and computer/IT

Department of Forestry and Wood Technology

"The journey from plant to product begins in the forest"

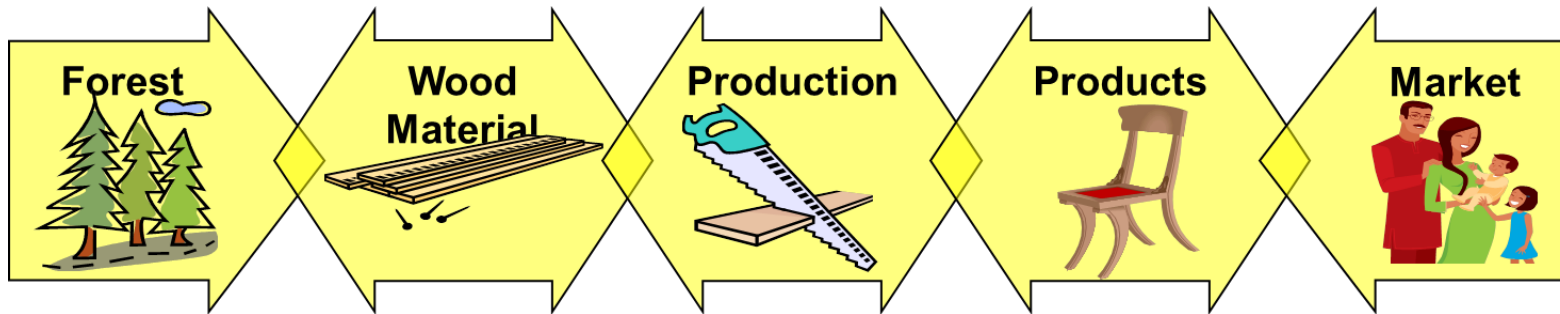




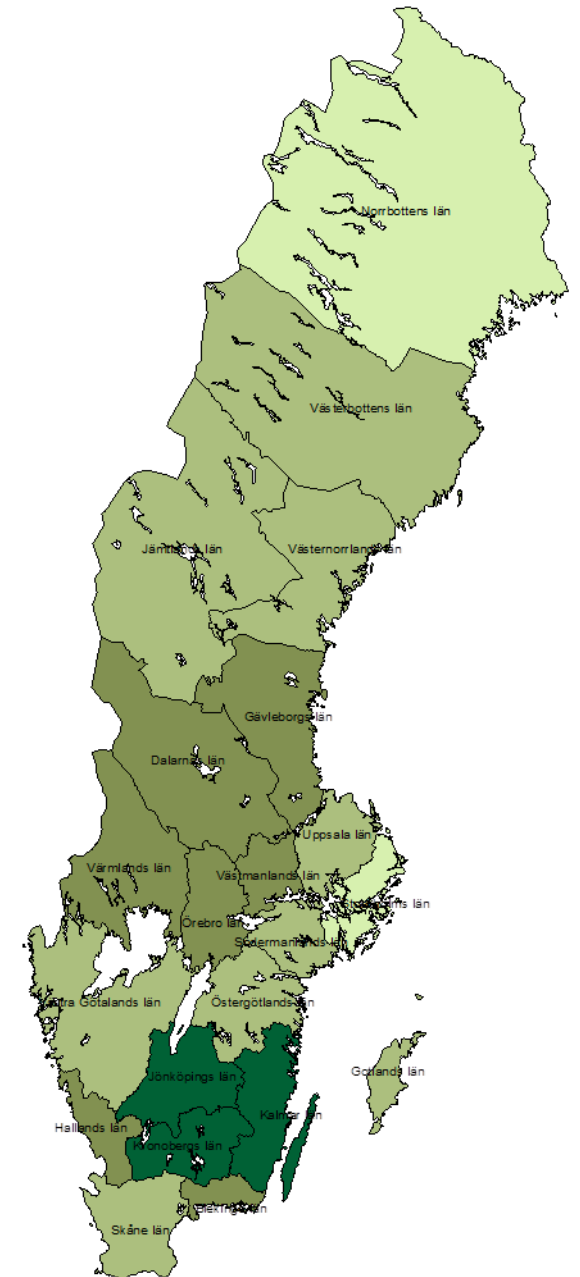
Småland has a highest forest growth rate in Sweden

Since 1994

Research and education in forestry and the value
chain towards product development



Unique thematic approach without counterpart in Sweden



Department of Forestry and Wood Technology

- 6 Professors
 - 5 Associate Professors
 - 12 Senior lectures
 - 4 lectures
 - 2 post dos
 - 10 PhD students
-
- Three comprehensive programmes
 - 20 free standing courses
 - 850 students
 - 95% distance education





Education

Three comprehensive programs
20 free standing courses
850 students
95% distance education

Bachelor in
Forestry

Master in
Forestry

Distance courses for private forest
owners.

Innovation master
(Design,
Technology,
Engineering)

Forestry and
wood
engineering
program



Wood Technology: people



Reza Hosseinpourpia,
Assoc. Prof. / Subject
responsible



Stergios Adamopoulos,
Prof.



Åsa Blom,
Assoc. Prof.



Jimmy Johansson,
Prof.



Sheikh Ali Ahmed,
Senior Lecturer



Peter Lerman,
Senior Lecturer



Johan Lindeberg,
Senior Lecturer



Adrien Letoffe,
Postdoc



Monika Monika
Postdoc



Nicolas Neitzel,
PhD student



Wen Jiang,
PhD student



Grace Jones,
PhD student



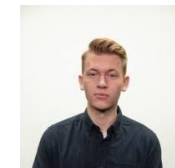
Alma Strkonjic,
PhD student



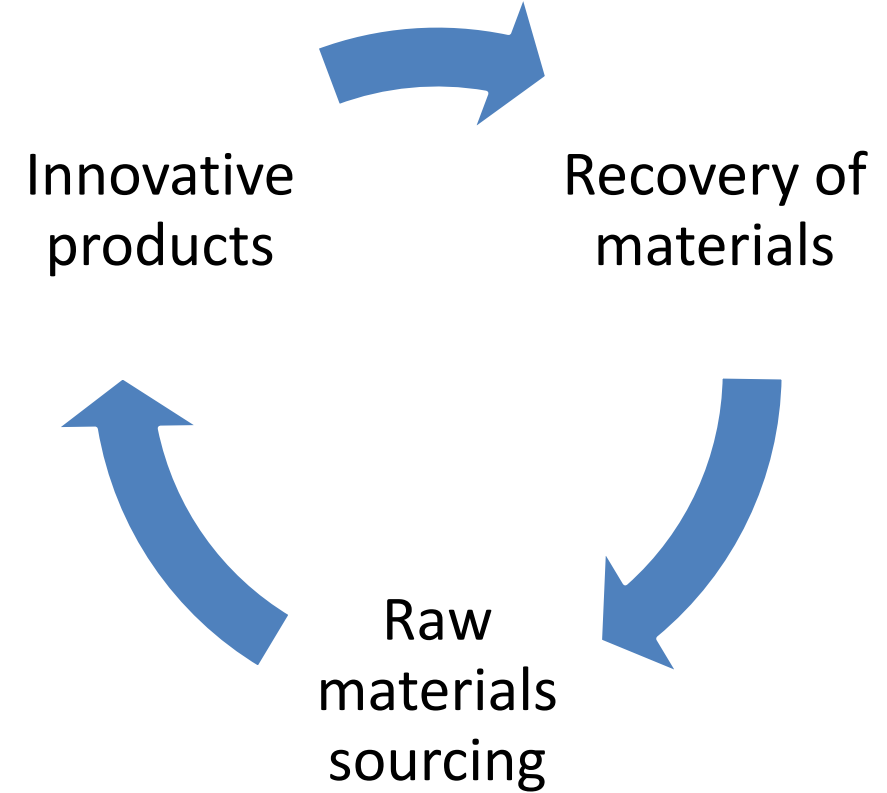
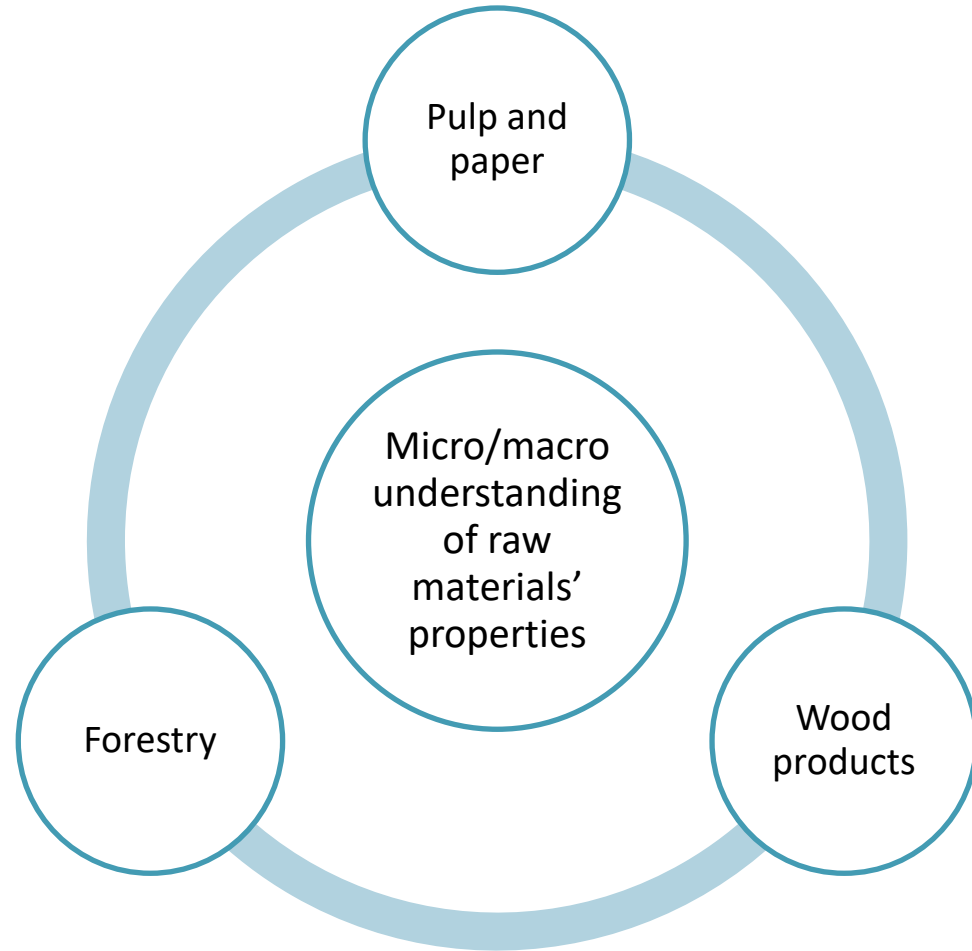
Victor Grubîi,
PhD student



Sebastian Svensson,
PhD student



Wood Technology at Linnaeus University



→ Characterization of materials in relation to the indented use

→ Research into specific problems



Wood Technology: industry focus

Promoting the utilisation potential of sustainable raw materials for added value products in the wood-based industry



Solid products

Moisture properties

Wood drying

Natural durability Impregnation &
modification

Gluing, Joining

Coatings, Finishing, Veneering



Wood-based panels

Bio-adhesives

Light weight panels

Innovative composites
(alternative core layers and
insulation construction blocks)

Product design



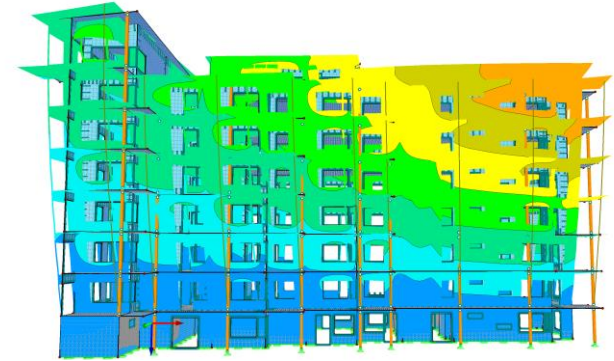
Department of building technology

Faculty of Technology
Linnaeus University, Växjö, Sweden

Head of department: Thomas K. Bader

thomas.bader@lnu.se

www.lnu.se





Education in building technology

- Civil Engineering Programme, **Building and Construction**, 180 credits
 - Building Technology Programme with **specialisation in Architectural Engineering**, 180 credit
-
- **Sustainable Structural Engineering**, Master Programme, 120 credits
 - Post graduate courses **within sustainable timber buildings program**
 - Master of Engineer in **(Wood) building technology (civilingenjör)**





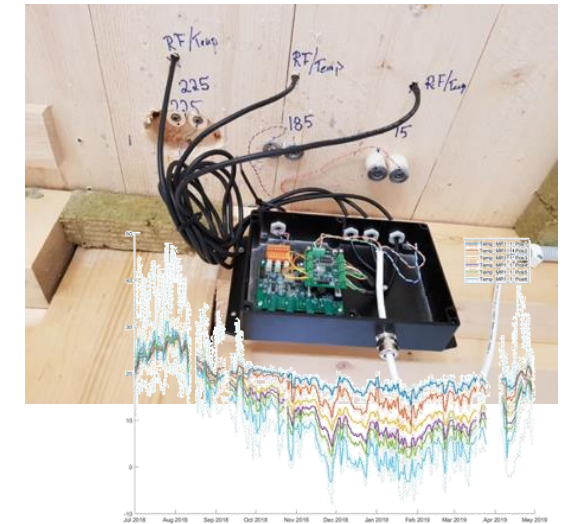
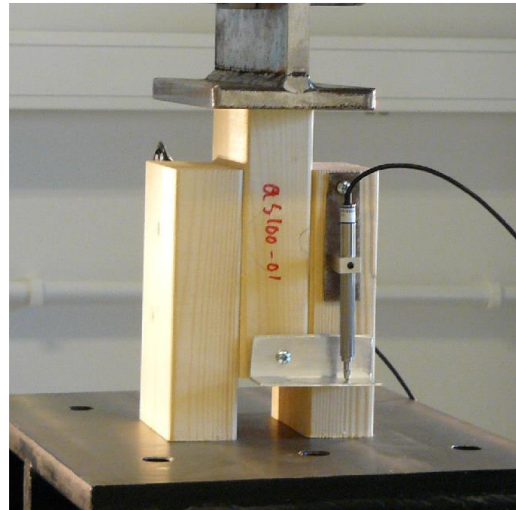
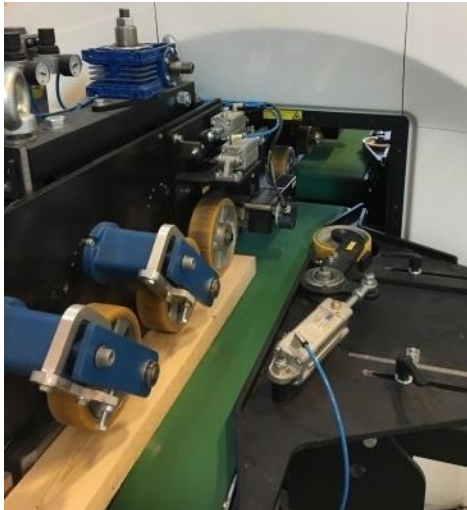
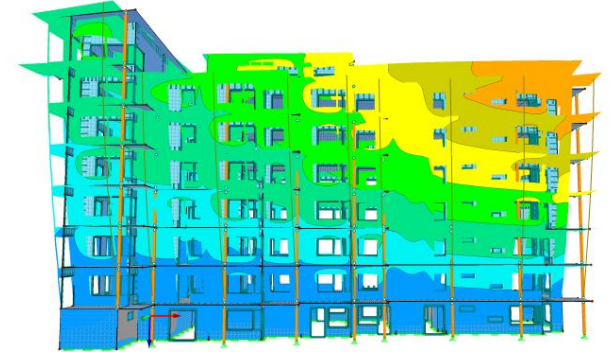
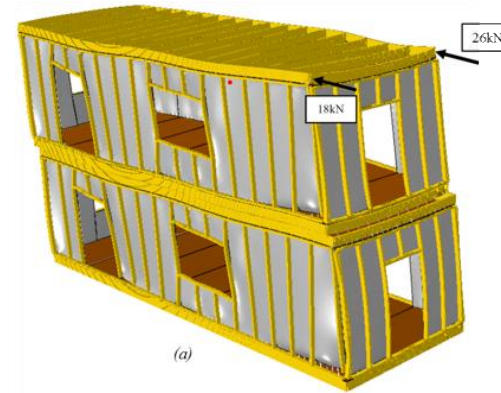
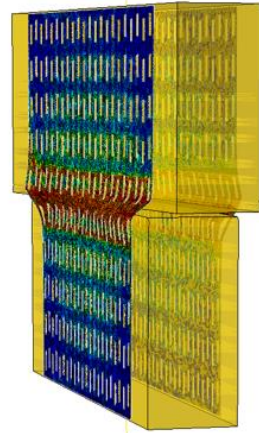
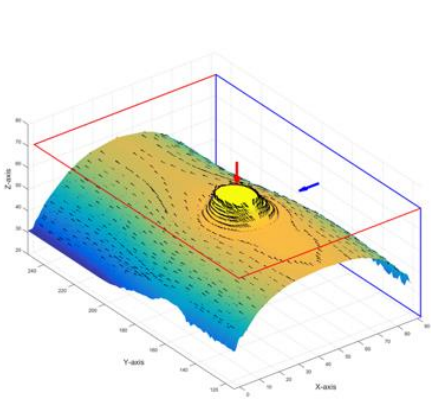
Research and competence areas

- Wood building technology – Timber engineering – Wood mechanics
- Structural Engineering
- Energy and climate efficient building
- Building physics
- Material science
- Acoustics and Vibrations
- Assessment, maintenance and repair of structures
- Steel structures
- Concrete structures
- Composite elements and structures
- Wood building architecture and architectural engineering
- CAD/Building Information Modeling (BIM)



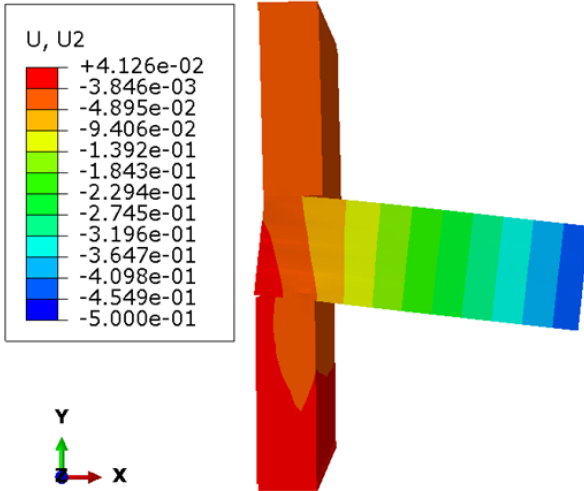
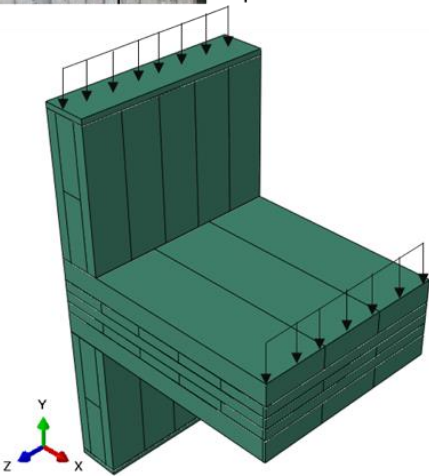
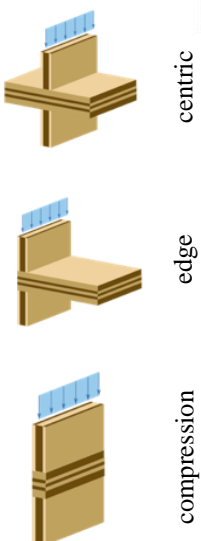
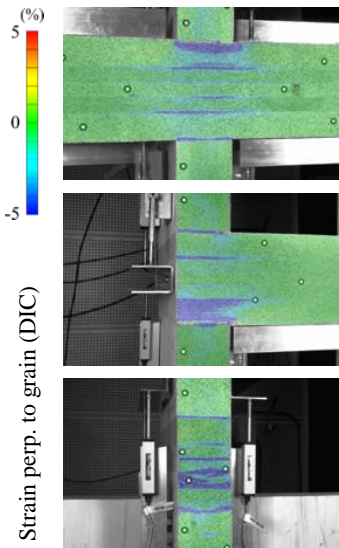
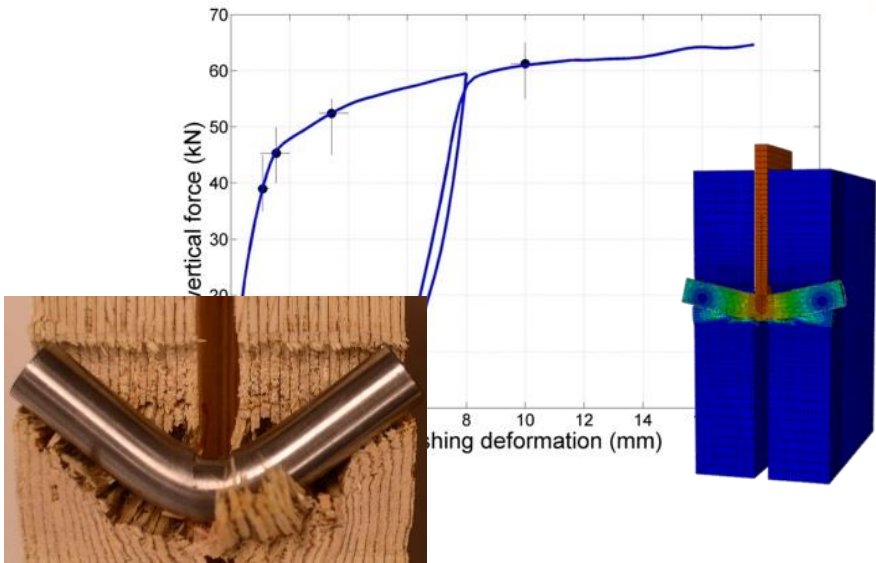
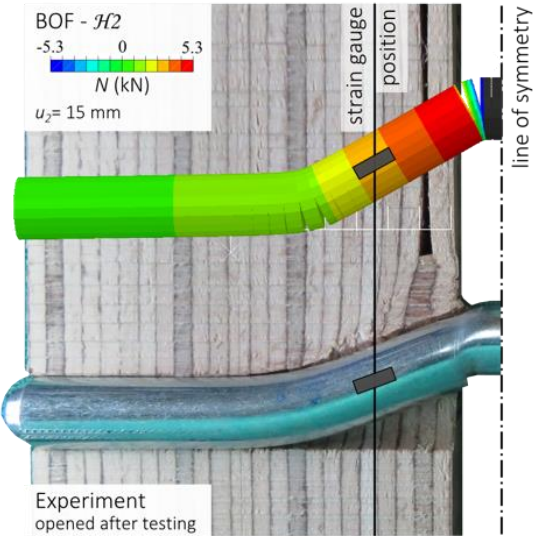
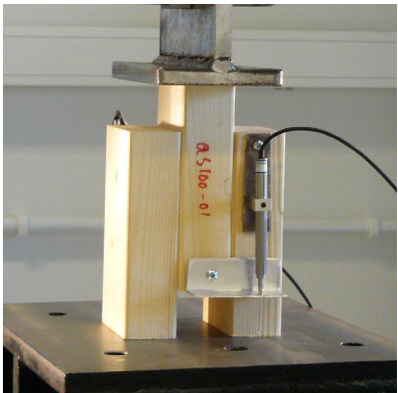


Modeling – prediction – engineering design



Laboratory / on-site testing / monitoring of structures

Connections





Lnu.se

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Linnæus University, Sweden
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