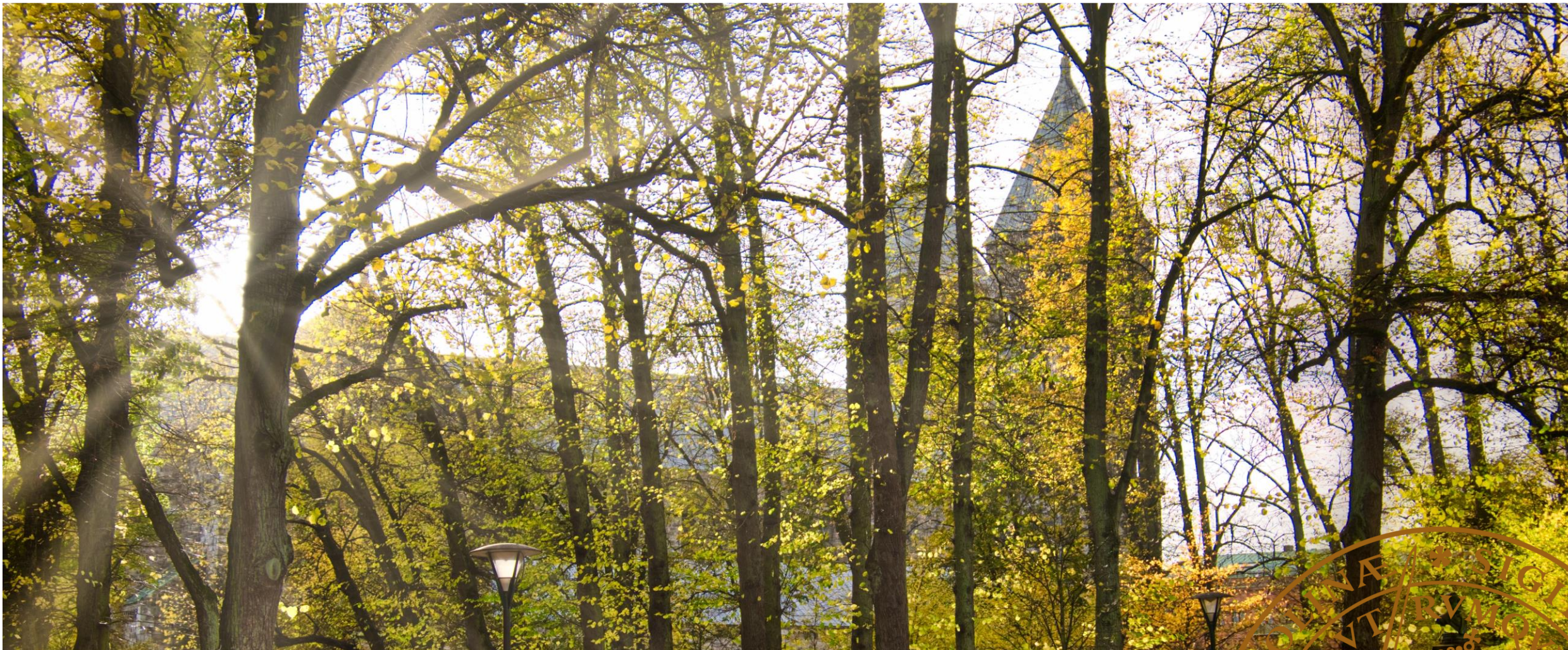




DD in Engineering with UQ

PER WARFVINGE | CHRISTINA GROSSMANN | LTH | LU



Content



Politecnico di Milano

- Background
- Double degrees in engineering
- What makes it work?
- What may go wrong?

Before we start

- Double degree:
 - Students are enrolled in **two programs** at two universities
 - Fullfill degree requirements of each program
 - Mutual recognition of credits
 - Student is given **two diplomas**, one from each university
- Joint degree:
 - Students are enrolled in **one program**, jointly offered by two universities
 - One of the universities issues **one diploma**
 - Much more complicated than it sounds...

International mobility at LTH

- 32% of graduates have been mobile 3 months or more
- Regular exchange $\approx$ 300
- China profile $\approx$ 25
- Pre-approved semester $\approx$ 10
- Degree projects, including Minor field studies $\approx$ 50
- Internships for credit $\approx$ 50
- Double degrees $\approx$ 10 (France, Italy, Spain, Japan, Australia)

DD in Engineering

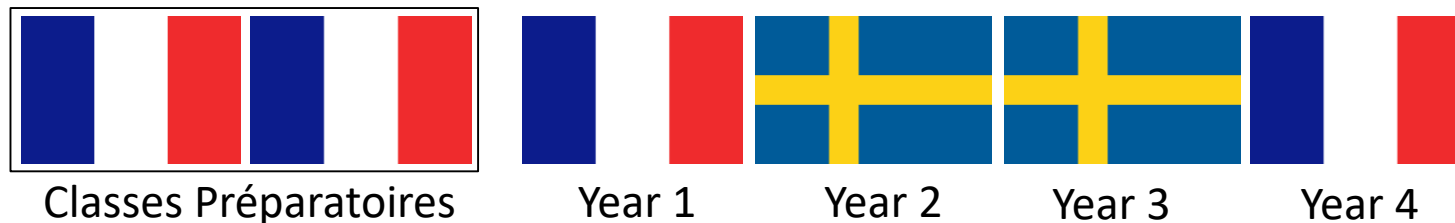
- Key actors:
 - Europe: T.I.M.E. Network with $\approx$ 60 EU members
 - Latin America: USP, UNICAMP, Rio Grande do Sul, PUC Chile, UNAM, Instituto Técnico de Buenos Aires
 - Japan: Keio, Tohuko, Kyushu
 - Australia: University of Queensland
 - Canada: Polytechnique Montreal
- True joint degrees are almost impossible to implement

Examples of DD within Europe

- LTH student going to Politecnico di Milano (Civilingenjör + Master)



- French student (Ecole Central) going to LTH (Civilingenjör + Diplôme d'Ingenieur)



Double degree with UQ

- Civilingenjör (5 years) + MSc Eng (5 years)
- Multiple degrees – extra workload – 5.5 years
- Mutual recognition of
 - Compulsory courses
 - Specialization
 - Electives
 - Degree project



Why could we have DD with UQ?

- Mutual confidence
 - Existing exchange agreement
 - Members of T.I.M.E. Network
- Similar curricula and degree structures
 - Electrical, Mechanical and Chemical Engineering
 - Integrated BSc – MSc in Engineering at LTH and UQ
- Attractive for students
 - Similar, yet very different
 - Economic support from STINT

What can go wrong?

- Inadequate academic experiences
- Changes in administrative staff
- Changes in policies, legislation and accreditation procedures
- Lack of support on study program level

A chemical engineering student's voice

Jag måste säga att jag är otroligt tacksam över att jag har fått denna möjligheten att studera i Australien i 2 år. Brisbane är en häftig stor stad och UQ har ett väldigt vackert och grönskande campus, jag trivs redan väldigt bra här. Det har varit lite strul med allt som ska fixas nu i början vad gäller boende och kurser. Men allt börjar äntligen ordna upp sig, jag har fått otroligt bra hjälp av lärare och personal på UQ.