Department of Information Technology
Department of Information Technology

- Computing Science
- Computer Science
- Scientific Computing
- Systems and Control
- Visual Information and Interaction

About 10% of the Faculty of Science and Technology
About 4% of the University
Short Facts

- 275 employees 120 faculty, including 30 full professors of which several have industrial background and connections to the industry
- 110 PhD students
- 24 administrator and 11 system administrators
- 162 PhD and 122 Licentiate degrees 1999-2013
- Turnover 2013: 230 MSEK, (1/3 teaching, 2/3 research)
The IT Department is

- The fourth largest department at Uppsala University
- The most complete department:
  - in Uppsala (balance between education and research)
  - in Sweden (unice coverage of IT)
Undergraduate Education

• 4000 students each year (about 1000 full time students)
• Participation in about 30 study programs, a total of 150 courses starts per academic year.
• Single subject courses, distance courses, summer courses and web based courses.
• Everything from introductory courses for beginners to specialist courses.
• 200 computer work stations for the students.
• The Department received “The Undergraduate Education Department of the Year” Award 2009 by the Student Union.
• Six teachers at the department have received the ”Pedagogical Award” (Pedagogiska priset) given by Uppsala University.
Research

• Computer Systems
• Computing Science
• Scientific Computing
• Systems and Control
• Visual Information and Interaction
• Computing Education Research
The IT Department hosts:

- **Research Centres**
  - **UPMARC** (Uppsala Programming for Multicore Architectures) 2008-2018, a Linnaeus center funded by the Swedish Research Council. Total budget: 100 million SEK.
  - **eSSENCE** – a national collaboration in e-science. 26 MSEK/year.

- **SNIC** (Swedish National Infrastructure for Computing), is under the Swedish Science Council a metacentre whose task is to coordinate and develop high end computing capacity for Swedish research.

- **UPPMAX** (Uppsala Multidisciplinary Center for Advanced Computational Science), which is Uppsala University's center for high performance computing.
Citations from external evaluations (KoF07 & KoF11)

- The friendly atmosphere and the cohesiveness that prevails at the Information Technology Department have been mentioned by several members. The panel believes that such friendly atmosphere is indeed a valuable and rather unique asset that undoubtedly contributes to the quality of the work performed at the department.

- ... world-class quality ... world leading ... internationally recognized
Impact

- Our graduated students and PhDs are much appreciated in industry and academia.
- Several high tech spin-offs: Skype, Acumem, Trade Extensions, OptiMobile, Wisenet Holding
- Collaboration with several major Swedish companies: Ericsson, ABB, Scania, Volvo…
- Future systems for train traffic control in Sweden is based on HCI research.
- Extensive academic collaboration nationally and internationally.