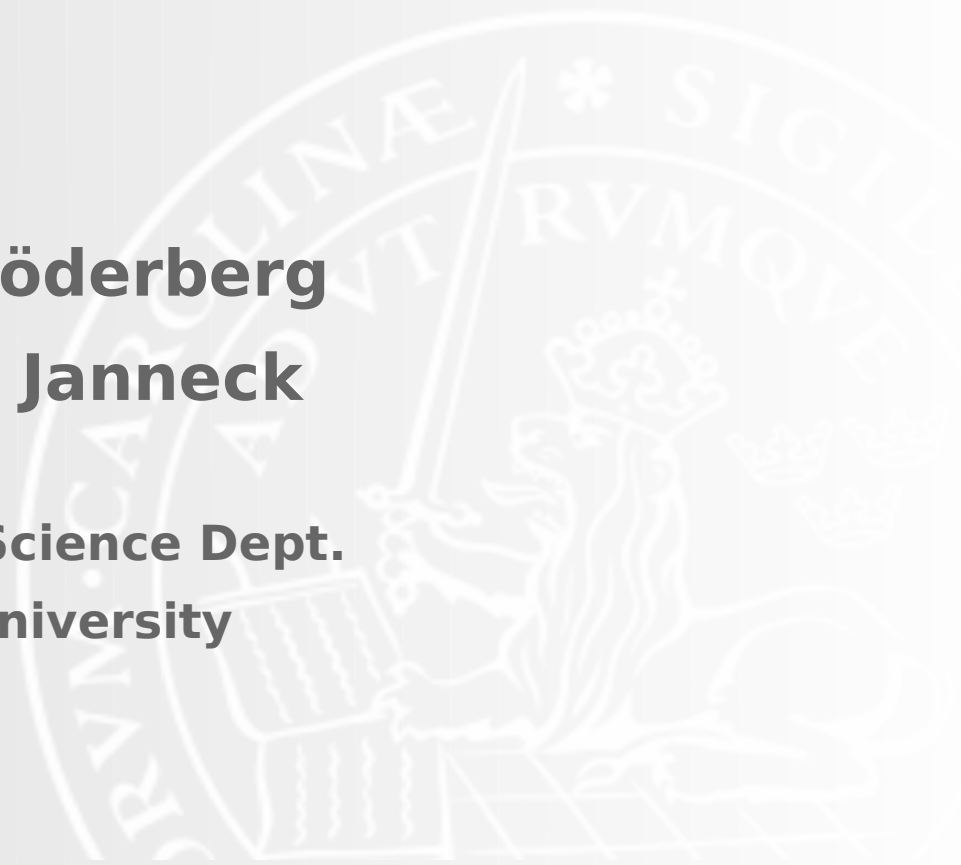


Type Systems

Administrivia

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- course Web page
http://cs.lth.se/english/sde/phd_courses/type_systems
- credits
7.5hp
- credit requirements
leading at least 1 seminar (2 if working in a group of 2)
>= 75% attendance at seminars
- sign-up for lectures
email to jwj@cs or emma.soderberg@cs, or during seminars
- programming exercises
t.b.d.

	Seminar	Date/Time	Location	Leader/s	Material
1	Introduction and math preliminaries	Wed Feb 22 15:15-17:00	Glasburen	Emma, Jörn	Ch 2,3,5 W 1-4
2	Basic concepts			Emma, Jörn	Ch 2,3,5 W 1-4
3	Types and Simply-typed Lambda Calculus (STLC)			Usman?	Ch 8,9 (Not: 9.3-9.7) W 5
4	Properties of Type Systems				Ch 9.3 W 6 (exc. equivalence, STLC extensions)
5	STLC extensions				Ch 11 W 6,7 (exc. equivalence)
6	Recursion, References and Stores				Ch 13 W 8
7	Type reconstruction				Ch 22 W 9
8	Parameterized Polymorphism				Ch 23 W 9
9	Subtyping				Ch 15,16 W 11
10	Objects			Amr?	Ch 18 W 12
11	Recursive Types				Ch 20 (+ Ch 21)
12	Featherweight Java			Amr?	Ch 19 W 13
13	Featherweight Scala			Amr?	W 14