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Office Hours: Tuesday 2-3 (Butt)
Wednesday 3-4:30 (Romero)
or by appointment

Computational Semantics
Ling 334, Wintersemester 2014

Date	Topic	Exercises/Notes
23.10.	Overview, Organizational Prolog: Facts, Rules and Queries	LPN! Chapter 1, Ex. 1.1.1–1.1.5 LPN! Practical Session 1
30.10.	Prolog: Unification, Proof Search	LPN! Chapter 2 LPN! Practical Session 2 Ex. 2.1–2.3
06.11.	First Order Logic	BB 1–29 Ex. 1.1.1, 1.1.3–1.1.5, 1.1.7, 1.1.10 BUTT NOT THERE
13.11.	Prolog: Recursion	LPN! 47–55, 59–64 Ex. 3.1–3.3, LPN! Practical Session 3
20.11.	Prolog: Lists	LPN! Ch. 4, Ex. 4.1–4.3, 4.6 LPN! Practical Session 4, Exercise 1
27.11.	More Lists First Order Model Checker	LPN! Ch. 6 LPN! Ex. 6.1, 6.2, Optional: 6.6 BB 29–34
4.12.	First Order Model Checker II	BB 35–41 BB Ex. 1.3.1–1.3.2, 1.3.4.–1.3.6.
		Exercise 1 due
11.12.	Definite Clause Grammars	LPN! 120–133, 140–148
18.12.	First Order Model Checker III Compositionality	BB 41–44 BB 55–64, Exercise 2
08.01.	Compositionality	BB 64–66, Exercise 2 due
15.01.	Lambda Calculus	BB 66–85, Exercise 3
22.01.	Underspecified Representations	BB 105–127
29.01.	Putting it All Together I	BB Ch.6 Exercise 3 due
05.02.	Putting it All Together II	BB Ch.6
09.02.	Putting it All Together III (moved from 12.2. — Schmotziger)	BB Ch. 6

To Earn Credit for the Course: weekly practical exercises, 3 Homeworks (40%) und an final project (60%). In order to pass the course, Each part must receive a passing grade.

The project is due on March 15th, 2015.

Material und Links can be found on Ilias and here:

`ling.uni-konstanz.de/pages/home/butt/teaching`

Background Literature:

- Blackburn, Patrick and Johan Bos. 2005. *Representation and Inference for Natural Language*. CSLI Publications.
- Blackburn, Patrick, Johan Bos and Kristina Striegnitz. *Learn Prolog Now!* <http://www.learnprolognow.org/>
- Heim, Irene and Angelika Kratzer. 1998. *Semantics in Generative Grammar*. Blackwell Publishers.
- de Swart, Henriëtte. 1998. *Introduction to Natural Language Semantics*. CSLI Publications.