

## Seminarplan

*Computationelle Psycholinguistik* (5220162)  
 Peter beim Graben (peter.beim.graben@hu-berlin.de)  
 Montags 18:00 – 20:00 Uhr  
 Beginn 11.04.2011  
 Raum 1.401 Dorotheenstraße 24 (DOR 24)

Termin	Datum	Thema	Referenten
1.	11.04.2011	Organisatorisches; Formale Grundlagen: Mengenlehre (2.1.1) Graphentheorie (2.3.1) Merkmalsstrukturen (2.3.2 – 2.3.5) Wahrscheinlichkeitsrechnung (2.4.1)	beim Graben
2.	18.04.2011	Formale Sprachen und Automaten (2.2) Hidden-Markov-Modelle (2.4.2) Chomsky (1956) Shieber (1985) Stabler (2004)	beim Graben
3.	25.04.2011	<i>fällt aus</i>	
4.	02.05.2011	<i>fällt aus</i>	
5.	09.05.2011	Phonetik und Phonologie (3.1) Spracherkennung (3.2.1) Jäkel <i>et al.</i> (2009)	
6.	16.05.2011	<i>fällt aus</i>	
7.	23.05.2011	Morphologie (3.3)	
8.	30.05.2011	Syntax und Parsing (3.5) Kimball (1973) Weinberg (1987) Marcus (1980)	
9.	06.06.2011	<i>Garden Path Theory</i> Frazier & Fodor (1978) Frazier (1987) Hale (2011)	
10.	13.06.2011	Reanalyse Fodor & Inoue (1994) Fodor & Inoue (2000) Lewis (1998)	
11.	27.06.2011	Minimalistische Syntax Stabler (1997) Stabler (to appear)	
12.	04.07.2011	Optimalitätstheorie Prince & Smolensky (1997) Fanselow <i>et al.</i> (1999)	
13.	11.07.2011	Spracherwerb Boersma & Hayes (2001) Stabler <i>et al.</i> (2003)	

Kapitelnummern beziehen sich auf Carstensen *et al.* (2010).

Scheinvergabe:

1. Gute Vorbereitung (Texte lesen!).
2. Referat und Teilnahme an der Semindiskussion. Ggf. Übungen.
3. Schriftliche Hausarbeit.

## Literatur

### Hintergrund

Carstensen, K.-U.; Ebert, C.; Ebert, C.; Jekat, S.; Klabunde, R. & Langer, H., Hrsg. (2010). *Computerlinguistik und Sprachtechnologie*. Spektrum: Heidelberg.

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### Referate

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Stabler, E. P. (2004). Varieties of crossing dependencies: structure dependence and mild context sensitivity. *Cognitive Science*, 28, 699 – 720.

Jäkel, F.; Schölkopf, B. & Wichmann, F. A. (2009). Does cognitive science need kernels? *Trends in Cognitive Science*, 13, 381 – 388.

Kimball, J. (1973). Seven principles of surface structure parsing in natural language. *Cognition*, 2, 15 – 47.

Weinberg, A. (1987). Language processing and linguistic explanation. In: Coltheart, M. (Ed.), *Attention and Performance XII. The Psychology of Reading*, 673 – 687, Lawrence Erlbaum: Howe.

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