

"Muster und Bedeutung" - Methoden der linguistischen und bioinformatischen Textanalyse

Stand: 30. April 2009

Datum	Title	Link	Presenter
21. April	Einführung R: Allgemeines W: Pattern Searching, Suffixbaum; [HMM]		Rolshoven Wiehe
28. April	Tesla I	Classification of text processing components: The Tesla role system	Hermes Schwiebert
String-based methods of text analysis in Linguistics and Bioinformatics			
5. Mai	entfällt		
12. Mai	Martin Kay: Substring alignment using suffix trees	M. Kay	Lohmar/ Rolshoven
19. Mai	Ir, Kr etc. - shustrings within and between sequences; estimating mutation distances from unaligned genomes	Ir Kr	Wiehe
26. Mai	Combinatorial pattern discovery in biological sequences: The TEIRESIAS algorithm Bioinformatics 1998 14: 55-67 [published erratum appears in Bioinformatics 1998;14(2):229;	Teiresias anti-spam	Hoefst?
9. Juni	Suffixtrees in linguistics		Rolshoven?
Hidden Markov Models in Linguistics and Bioinformatics			
16. Juni	HMMs in bioinformatics	Rabbiner Eddy	Klassmann
23. Juni	HMMs in linguistics	tba	tba
30. Juni	[left over topics from WS0809: Linguistic features of non-coding DNA sequences Building a dictionary for genomes]	Mantegna (1994) Bussemaker (2000)	tba
Analysis suites			
07. Juli	Tesla II		Hermes Schwiebert
14. Juli	Afawe		Schoof?

