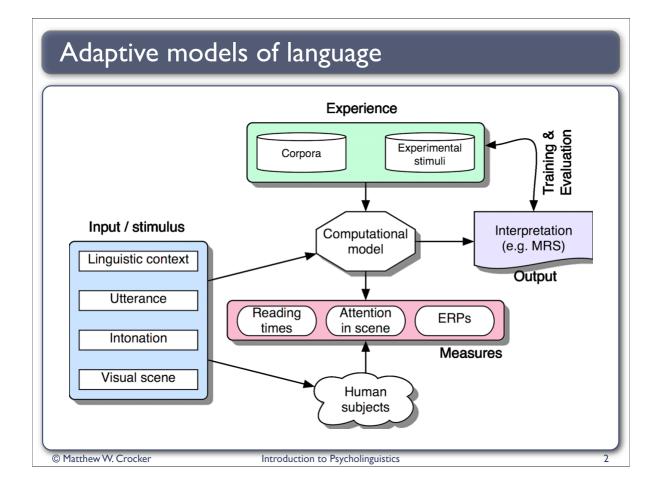
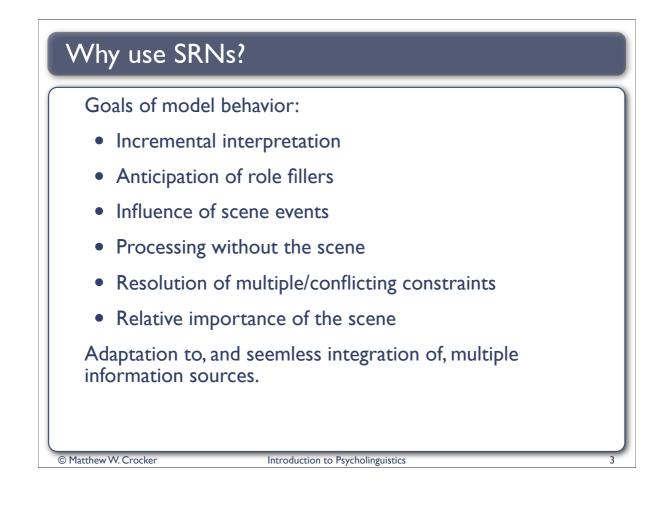
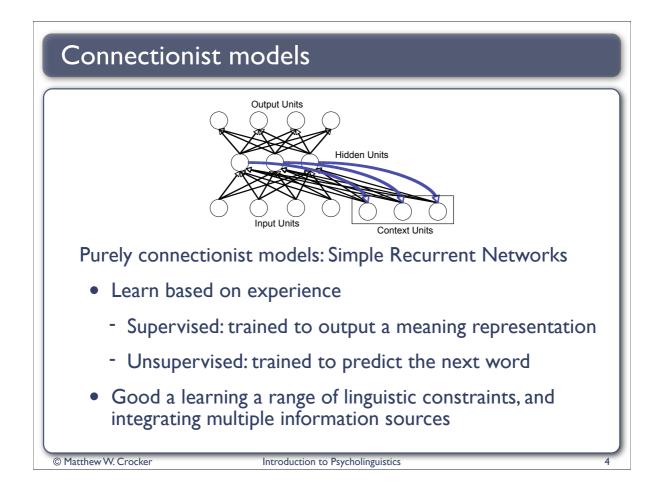
Connectionist Models of Situated Language Processing Lecture 10 (part II) Introduction to Psycholinguistics

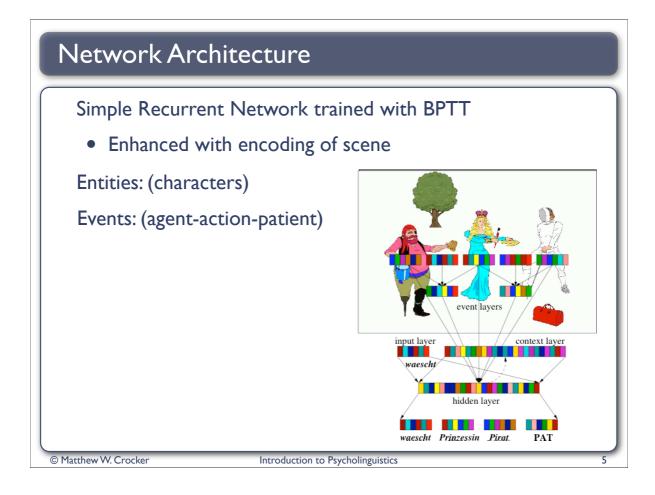
> Matthew W. Crocker Pia Knoeferle

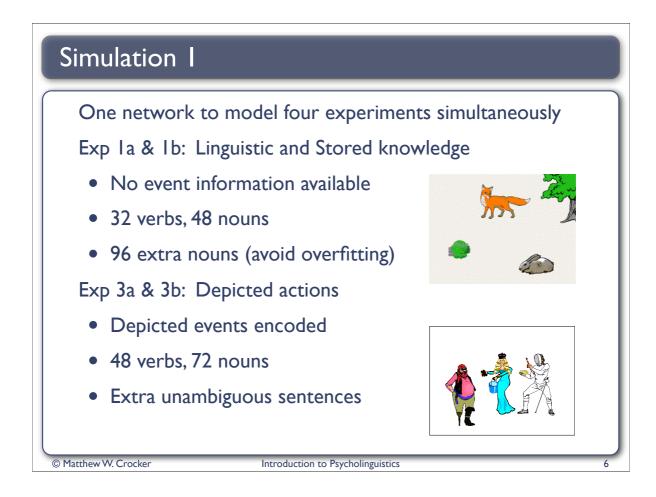
Department of Computational Linguistics Saarland University











#### Training

Training data

- Generated from experimental materials as templates
- All combinations of referents

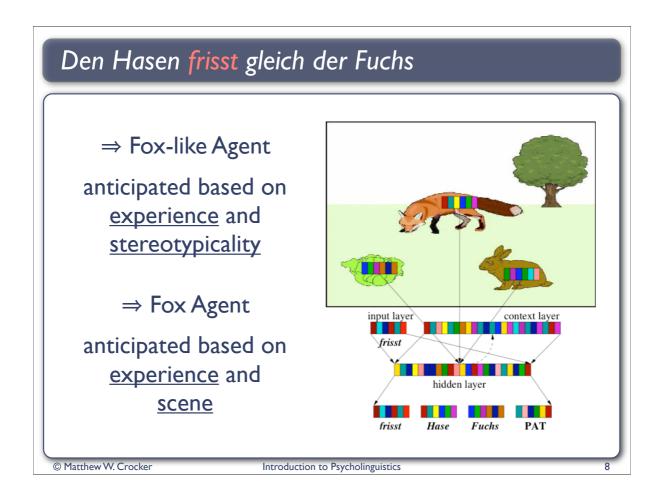
#### Test data

- Actual experimental sentences are held out
- All test sentences have matching scene

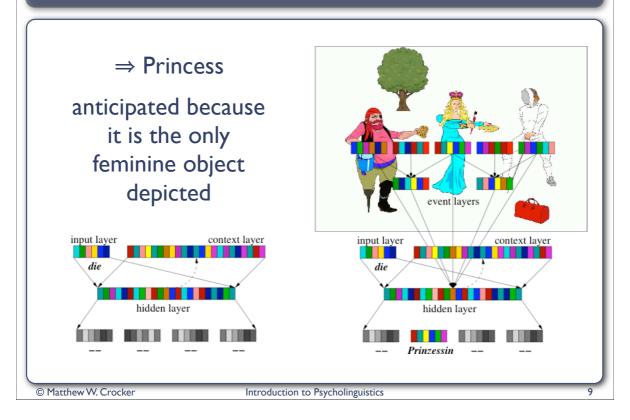
**Training Regime** 

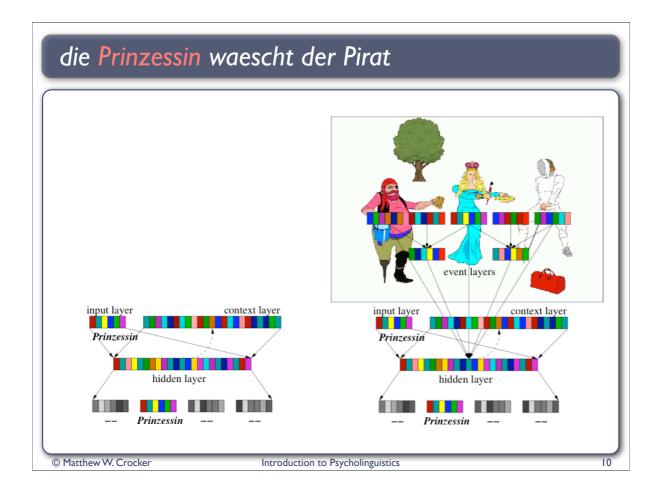
- Trained on final interpretation
- Scene provided as context 50% of time

- reflect experience, and adaption to availability of scene

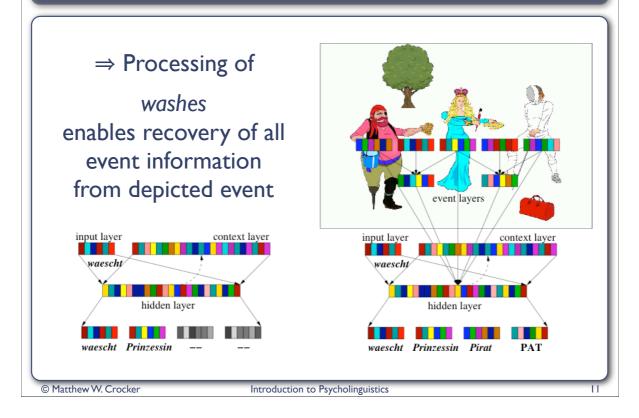


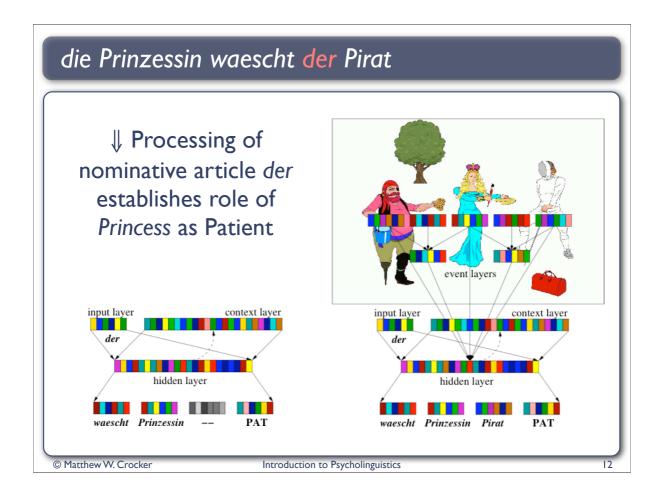
### die Prinzessin waescht der Pirat

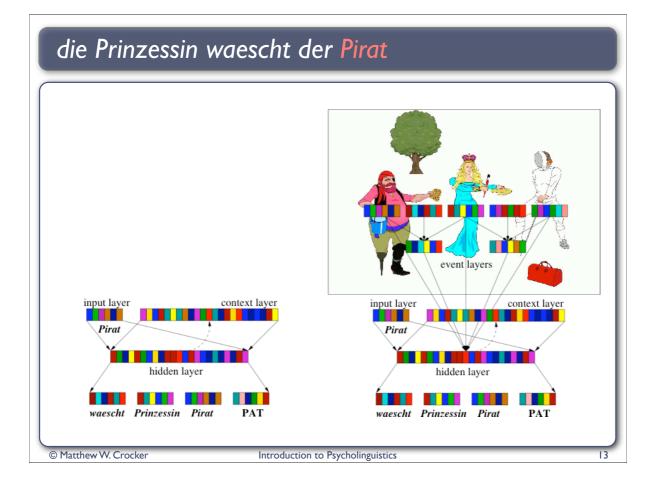


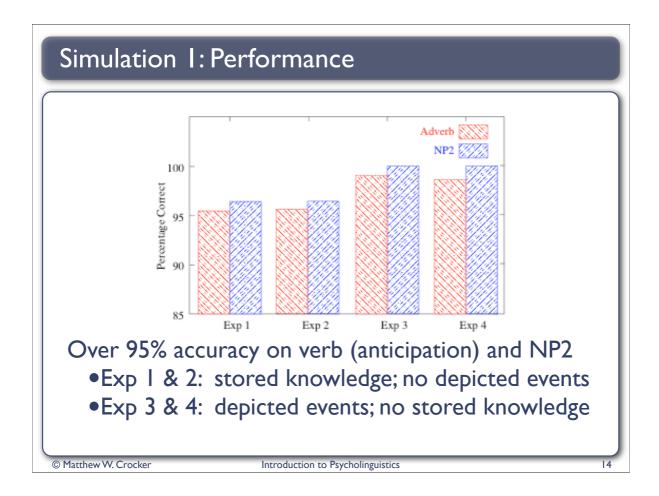


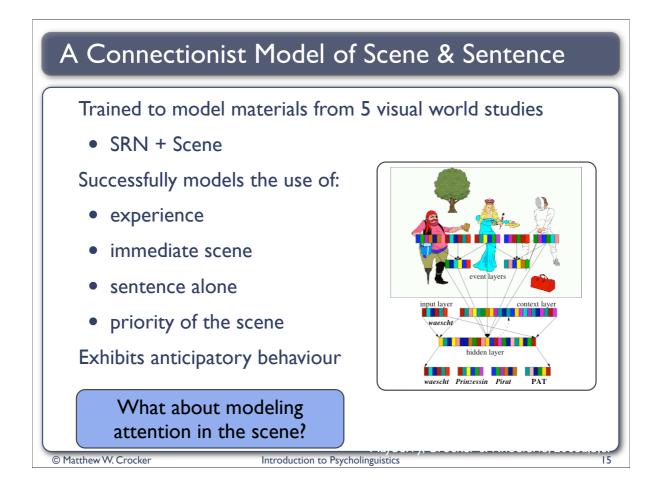
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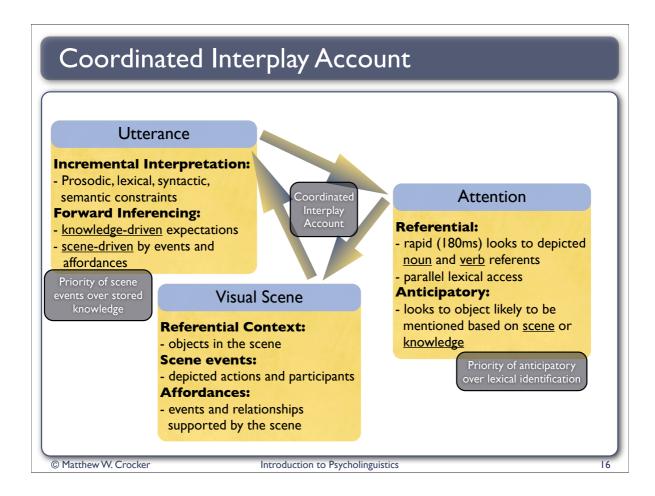


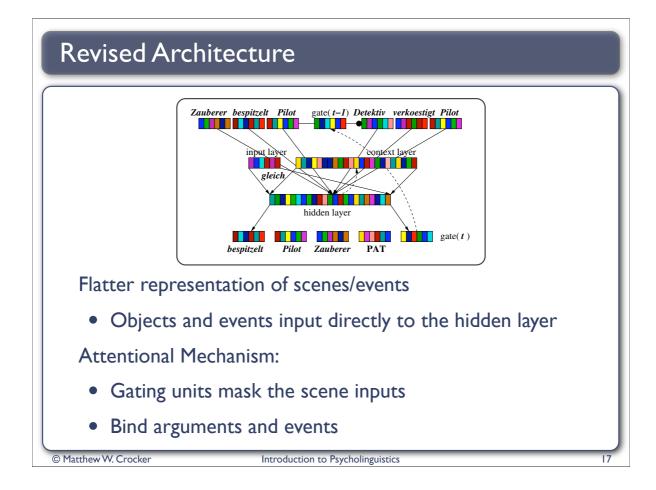


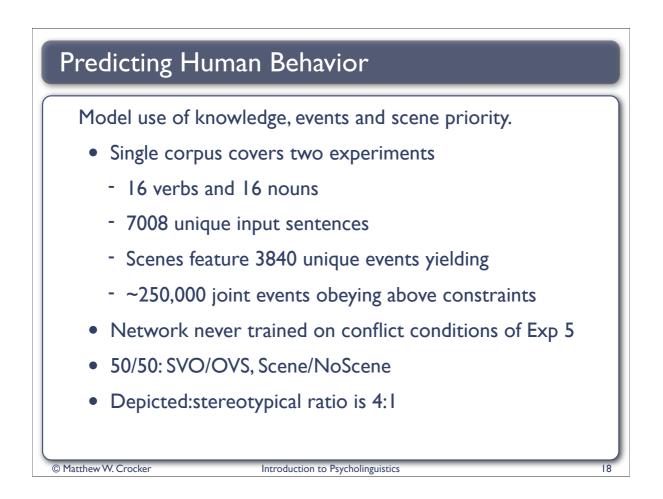




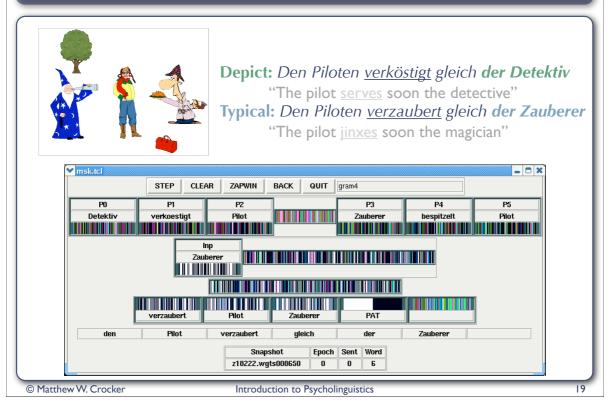


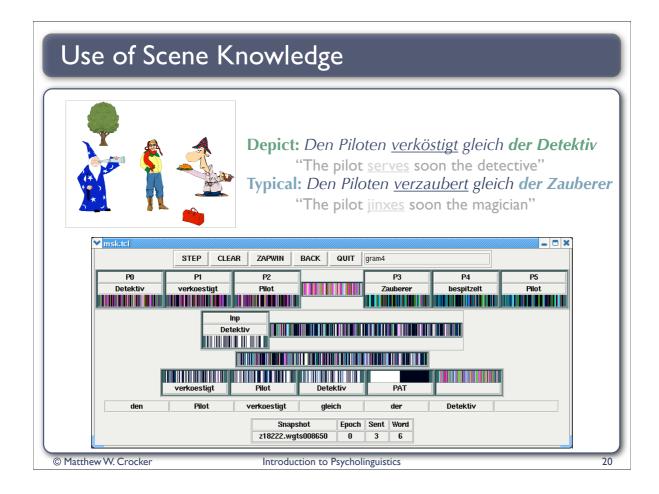






# Use of Stored Knowledge





## Priority of the Scene over Knowledge

