Cambridge site update

Guy Emerson

Delph-in 2018

People

- Ann Copestake (now head of department!)
  - Guy Emerson (thesis almost submitted!)
  - Ewa Muszyńska
  - Alexander Kuhnle
  - Paula Czarnowska

People

- Ann Copestake
  - Guy Emerson – distributional semantics
  - Ewa Muszyńska – clause chunking
  - Alexander Kuhnle – multimodal evaluation
  - Paula Czarnowska – rich morphology

Alexander Kuhnle & Ann Copestake

- *Deep learning evaluation using deep linguistic processing* (NAACL)
  - ShapeWorld: 'unit testing' for deep learning
  - Sample a world model, convert to image and DMRS, generate caption with ERG

Paula Czarnowska, Guy Emerson, Ann Copestake

- *Words are Vectors, Dependencies are Matrices: Learning Word Embeddings from Dependency Graphs* (under review)
    - Dependency-based distributional semantic model
    - Matrix for each type of dependency

Masters theses

- Katarzyna Prus (supervised by Ann and Ewa)
  Investigating Sentence Fusion with Dependency Minimal Recursion Semantics

- Huiyuan Xie (supervised by Ann and Alex)
  How clever are the models exhibiting 'super-human' performance on the CLEVR VQA dataset?

- Thomas Sherborne (supervised by Ann and Alex)
  Evaluating Image Description Systems with Truth-Conditional Semantics