Natural Language and Information Processing group

Andreas Vlachos
Why Natural Language Processing (NLP)?
Who are we

Faculty:
- Ted Briscoe
- Paula Buttery
- Ann Copestake
- Weiwei Sun
- Simone Teufel
- Andreas Vlachos

16 postdocs
25 PhD students

https://www.cst.cam.ac.uk/research/themes/natural-language-processing
Research themes

- Language acquisition and processing (Briscoe, Buttery)
- Language evolution (Briscoe, Teufel)
- Syntactic and semantic representations of language (Briscoe, Copestake, Sun)
- Supporting language teaching and assessment (Briscoe, Buttery)
- Automated fact-checking (Vlachos)
- Imitation learning (Vlachos)
- Dialogue and dialogue agents (Vlachos)
- Summarization (Teufel, Vlachos)
- Scientific text processing (Teufel)
- Cybercrime (Buttery)
- Argumentation and Discourse (Teufel, Vlachos)
- Natural language generation (Sun, Vlachos)
MPhil course

Modules offered by the NLIP faculty:

- Introduction to Natural Language Syntax and Parsing (L95)
- Natural Language Processing (L90)
- Machine Learning for Language Processing (L101)
- Introduction to Computational Semantics (L98)

MPhil thesis topics:

- Often related to our research interests, your own ideas welcome!
- Sometimes co-supervised with postdocs, senior PhD students and external (industry) collaborators
- Often leads to a paper in a top conference

Many of our PhD students take the MPhil first as it prepares them for the next stage
PhD course

- Topics are often related to current faculty research interests
- Your ideas are welcome!
- Some PhDs are funded by current research projects
- Weekly seminar with invited speakers
- Weekly reading group
- Paper review sessions before major deadlines
- Collaborations with other groups and departments encouraged (e.g. Cambridge Language Sciences, Security group, Machine Learning/AI group, Psychology)
- And some fun times!
Questions?

andreas.vlachos@cst.cam.ac.uk