Suggested topics:

1. Improve English name tagger with linguistic resources and symbolic features.
2. Improve a name tagger for a low-resource language.
3. Develop a DNN based model for POS tagging.
4. Implement an end-to-end entity linker based on AMR parsing.
5. Implement a sentiment classifier for a particular domain or application.
6. Implement a relation extraction system based on dependency parsing.
7. Implement an event extraction system based on dependency parsing.
8. Implement an image caption generation system.
9. Implement a calendar extraction system for a particular social media page.