

Schedule
Dagstuhl Seminar 14061
Statistical Techniques for Translating to Morphologically Rich Languages

Organizers: Alex Fraser, Kevin Knight, Philipp Koehn, Helmut Schmid, Hans Uszkoreit

Monday Feb 3rd: Organization, Background, Groups

Monday morning - 9am. Saarbruecken Hall

Welcome/challenges/organization: Alex Fraser

Plenary talk: Philipp Koehn

Plenary talk: Kristina Toutanova

Monday afternoon - 1:30pm. Saarbruecken Hall

Mini talks and discussion

Tuesday Feb 4th: Group Work

Tuesday morning

Plenary talk: Kevin Knight

Group work

Tuesday afternoon

Group work

Groups decide whether to present Wed morning and stop

Wednesday Feb 5th: Group Presentations

Wednesday morning

Presentations start at 9:30

09:30 Webber

10:00 Knight

10:30 Coffee Break

10:50 Nivre/Petrov

11:20 Dyer

11:50 New groups (1-2 slides)

Wednesday afternoon

Excursion Bus at 1:30pm - PLEASE BE ON TIME!

Thursday Feb 6th: Group Work, Group Presentations

Thursday morning

Group work

Thursday afternoon

Group work

Group presentations (Tues-Thurs groups)

Friday Feb 7th: Group Presentations, Conclusion

Friday morning

Group presentations (Thurs groups)

Final discussion (including future steps)

Friday afternoon

Departure

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Mini talks:

- Nivre/Petrov: Parallel dependency treebanks and linguistic resources
- Tiedemann: The use of synthetic training data and pivot languages to overcome data sparseness
- Kirchhoff: Language modeling
- Dyer: Modeling morphemes vs. modeling words and smoothing with morphemes
- Habash: Arabic morphology and deep morphology representation for MT
- Williams/Koehn: Syntactic SMT for morphologically rich languages
- Knight: Semantics
- Webber: Discourse/aspects of semantics
- Bojar/Hajic: Generating morphology for SMT