## Site Update: Korea University

### Sanghoun Song (sanghoun@korea.ac.kr)

Korea University

2019 July 15

Sanghoun Song (Korea University)

Site Update: Korea University

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## New Affiliation

- I have moved up to Department of Linguistics, Korea University last semester.
  - I am grateful to Francis and Emily for their recommendation letters.



#### Courses

- 2019 Spring
  - Sepcial Lecture: Deep Learning Techniques for Linguists
- 2019 Autumn
  - Undergraduate: HPSG
  - Graduate: Experimental Syntax
- HPSG 2021

## **Research Grants**

- Korean Research Foundation
  - A Corpus Analysis of Unbound Reflexives in English
- A Start-up Grant
  - A Corpus-based Study of Possessive Relative Clauses in English
- CORE+ (Korea University)
  - Automatic Generation of the Linguistic Abstracts Using the Deep Learning Techniques

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# Projects of Corpus Building

#### Korean National Academy

- National Corpora for NLP Studies
- 19,600,000,000 KRW (about 16,624,257 USD)
- The subprojects I am participate in
  - POS-tagged
  - Lexical Semantics
  - Korean Propbank
  - Corpus Validation

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## North Korean Data



Rodong Paper

- The official newspaper of North Korean
- The era of Jung-Un Kim (2011-2018)
- Trend Analysis
  - The meaning change for the last several years
- Computational Socio-linguistics
  - How the two Korean languages are divergent

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# Linguistic Studies

- Honorification
  - grammar formalism, experimental syntax, corpus, neuro-linguistics (experimental pragmatics)
- Internally Headed Relative Clauses in Korean
  - experimental syntax, corpus, grammar formalism
- Pseudo Object Control Constructions in Korean
  - experimental syntax, corpus, grammar formalism
- Unbound Reflexives in English
  - corpus, grammar formalism
- Possessive Relative Clauses in English and Korean
  - corpus, grammar formalism

## Learners Corpora

- Using the skills of computational linguistics
  - grammar engineering + deep learning
- Languages
  - English Learners (English as a Second Language)
    - Korean speakers (done)
    - Chinese, Japanese, Thai speakers (ongoing)
  - Korean Learners (Korean as a Foreign Language)
    - a grant proposal

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