

TEAL DIGITAL SCHOLARSHIP FOR EAST ASIAN STUDIES
TATEUCHI RESEARCH METHODS WORKSHOP SERIES

The Possibilities of Word Embedding in Korean Literature: From Language Analysis to Language Generation

Prof. Jae-Yon Lee & Dr. Nam-Gi Han

Nov. 9, 2021 4:00-5:30 p.m. Pacific

Registration and more information:
<https://tinyurl.com/de7pn7xc>

This talk showcases the potential applications of word embedding—the representation of words as vectors—in the study of modern Korean literature. The first half shows how natural language analysis (NLA), using the Word2vec (word-to-vector) algorithm, can elucidate changing meanings of the term “*munhwa*” (culture) in a popular 1930s magazine. The second half examines natural language generation (NLG), specifically the use of neural network-based artificial intelligence to generate Korean language sentences similar to poems, lyrics, dialogues, and short stories.

Speakers: Jae-Yon Lee is an associate professor of modern Korean literature at the Ulsan National Institute of Science and Technology (UNIST) in South Korea. Nam-Gi Han is a postdoctoral fellow of informatics at UNIST.



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