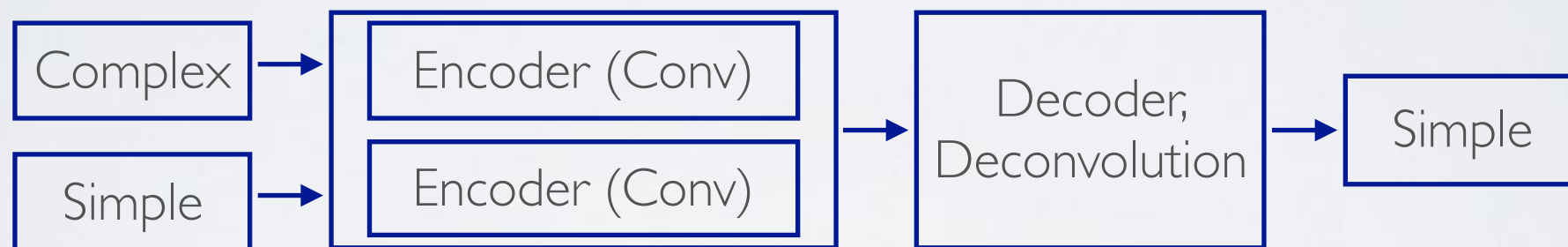


# TRANSLATING COMPLEX TO SIMPLE SENTENCES

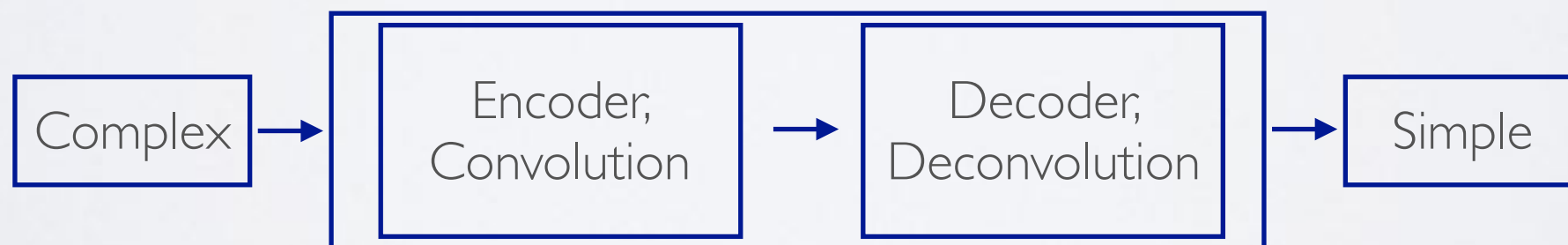
Tim Patzelt, Dominik Pfütze, Henny Sluyter-Gäthje,  
Simon Untergasser

# SPECIFICS OF OUR APPROACH

## Encoder (Siamese) - Decoder



## vs. End-to-End



# WHERE ARE WE NOW?

- Trained the Encoder (without Attention mechanism)
- Almost finished coding the Decoder
- Modifying the CNN for End-to-End Translation

# PROBLEMS

- If Encoder is trained with Attention mechanism:  
Output == NaN
- Even without Attention mechanism, encoder did not learn much
- Data set is very noisy

# NEXT STEPS

- Find out why Attention mechanism does not work
- Find out why Encoder does not learn much
- Train Decoder
- Train End-to-End system