

LORI MEETS LOG-UCI

LOG-UCI (Logic of Utterance-Context Interaction)

An Interdisciplinary Study of the Logical Dynamics of the Interaction
between Utterances and Social Contexts

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Different backgrounds
Philosophy, Economics, Game Theory, Artificial Intelligence, and Logic

Satoshi Tojo
JAIST
Artificial Intelligence



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Philosophy



Utterances are made in Social
Contexts.

$$\begin{array}{ccccccc} \rightarrow & C_n & \rightarrow & C_{n+1} & \rightarrow & C_{n+2} & \rightarrow \\ & U_n & & U_{n+1} & & & \end{array}$$

How do Utterances Change Social
Contexts?



Logic
Katsuhiko Sano
Hokkaido University



Economics, Game Theory
Mamoru Kaneko
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A Common Theme
Logical Dynamics of Social Interaction