

**Proceedings of the Eighteenth International Workshop of
Logic and Engineering of
Natural Language Semantics 18 (LENLS18)**

hosted by JSAI International Symposia on AI (JSAI-isAI2021)

Workshop Chair

Alastair Butler (Hiroshima University)



****Online** only,**
November 13(Sat), 14(Sun), and 15(Mon), 2021

Preface

This proceedings volume contains selected and invited papers on topics in formal semantics, formal pragmatics, and related fields, including the following:

- ✦ Formal syntax, semantics and pragmatics of natural language
- ✦ Model-theoretic and/or proof-theoretic semantics of natural language
- ✦ Computational Semantics
- ✦ Game-theoretic/Bayesian approaches to pragmatics
- ✦ Nonclassical Logic and its relation to natural language (especially Substructural/Fuzzy/Categorical/T logics)
- ✦ Formal Philosophy of language
- ✦ Scientific methodology and/or experimental design for linguistics

Workshop Organizers/Program Committee:

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Shunsuke Yatabe (Kyoto University)
Kei Yoshimoto (Tohoku University)

Program and Table of Contents

1st Day: November 13 (Sat)

9:50-10:00 Opening remark

10:00-11:00 Invited talk

Old Dogs, New Tricks, and Semantics

Michael Wayne Goodman

11:00-12:30 Session

Choice, disagreement, and automata: enriching the Kaplanian machinery

Ahmad Jabbar

How to Explain the Mechanism of Metalinguistic Dispute

Shintaro Matsuura

Relevance as Minimality: A Logical Expressivist Approach

Shuhei Shimamura

14:30-16:00 Session

QNP Textual Entailment with Polynomial Event Semantics

Oleg Kiselyov and Haruki Watanabe

On the semantics of root syntax: challenges and directions

Chenchen Song

A Proof-theoretic Analysis of Weak Crossover

Daisuke Bekki

16:30-18:00 Session

Three Rich-Lexicon Theories of Slurs: A Comparison

Dan Zeman

Remembering individuals and remembering scenes

Kristina Liefke

Factivity variation in experiential 'remember'-reports

Kristina Liefke and Markus Werning

2nd Day: November 14 (Sun)

10:00-11:00 Invited talk

(TBA)

Atsushi Shimojima

11:00-12:30 Session

Sensitive to future: the case of Japanese nara-conditionals

Muyi Yang

Incremental derivations with Q combinator in CCG

Masaya Taniguchi and Satoshi Tojo

Generics and Belief Contraction

Satoru Suzuki

14:30-16:00 Session

Interpretations of sense-based minimizers in Japanese and English: Local and global sense-based measurements

Osamu Sawada

The semantics and pragmatics of the Japanese honorific titles san, kun, and chan

David Yoshikazu Oshima

An analysis of a peculiar PPI licensing in French and Japanese negated purpose clauses in terms of an implicit externalization of the negation due to the non-responsibility

Makoto Kaneko

16:30-18:00 Session

Probabilistic compositional semantics, purely

Julian Grove and Jean-Philippe Bernardy

Mitigating Hypothesis-only Bias in a Natural Language Inference Dataset

Afra Baas and Lasha Abzianidze

A Cut-free Hypersequent Calculus for Intuitionistic Modal Logic IS5

Fabio De Martin Polo

3rd Day: November 15 (Mon)

10:00-11:30 Session

Compositional Semantics for Multiword Expression in Medical Case Retrieval

Mana Ishida, Hitomi Yanaka and Daisuke Bekki

Parsed corpus development with a quick access interface

Alastair Butler

Factivity in Chinese: Viewed from the Altaic Alternation Type

Chungmin Lee

13:30-15:00 Session

The Duality of Negative Attitudes in Japanese Conditionals

Shun Ihara and Yuta Tatsumi

Japanese Type-4 Verbs are Individual-level Predicates

Joseph Tabolt

Presuppositions and Comparison Classes in Japanese hodo-equatives

Eri Tanaka and Kenta Mizutani

15:30-17:00 Session

Honorifics, Grounds and Ideologies

Elin Mccready

Cheap talk under partial conflicts: a dynamic analysis of pragmatic meaning

Liping Tang

An experimental approach to slurs and swearwords in Rioplatense Spanish

Ana Clara Polakof

17:00-18:00 Invited talk

Logic and Conversation: beyond the canonical divide
Maria Aloni

18:00-18:15 Closing remark