16th Meeting on the Mathematics of Language (MOL 2019)

Toronto, Canada
18-19 July 2019

ISBN: 978-1-5108-9094-7

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571

Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2019) by the Association for Computational Linguistics
All rights reserved.

Printed by Curran Associates, Inc. (2019)

For permission requests, please contact the Association for Computational Linguistics
at the address below.

Association for Computational Linguistics
209 N. Eighth Street
Stroudsburg, Pennsylvania 18360

Phone: 1-570-476-8006
Fax: 1-570-476-0860

acl@aclweb.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

Parsing Weighted Order-Preserving Hyperedge Replacement Grammars 1
Henrik Björklund, Frank Drewes and Petter Ericson

Sensing Tree Automata as a Model of Syntactic Dependencies 12
Thomas Graf and Aniello De Santo

Presupposition Projection and Repair Strategies in Trivalent Semantics 27
Yoad Winter

Dependently-Typed Montague Semantics in the Proof Assistant Agda-flat 40
Colin Zwanziger

Quantifier-free least fixed point functions for phonology 50
Jane Chandlee and Adam Jardine

Some classes of sets of structures definable without quantifiers 63
James Rogers and Dakotah Lambert

Efficient learning of Output Tier-based Strictly 2-Local functions 78
Phillip Burness and Kevin McMullin

Learning with Partially Ordered Representations 91
Jane Chandlee, Remi Eyraud, Jeffrey Heinz, Adam Jardine and Jonathan Rawski

Maximum Likelihood Estimation of Factored Regular Deterministic Stochastic Languages 102
Jeffrey Heinz and Chihiro Shibata

Sentence Length 114
Gábor Borbély and András Kornai