

# **7th Workshop on Cognitive Modeling and Computational Linguistics (CMCL 2017)**

Valencia, Spain  
3 April 2017

ISBN: 978-1-5108-3861-1

**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© (2017) by the Association for Computational Linguistics  
All rights reserved.

Printed by Curran Associates, Inc. (2017)

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](mailto: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](mailto:curran@proceedings.com)  
Web: [www.proceedings.com](http://www.proceedings.com)

## Table of Contents

<i>Entropy Reduction correlates with temporal lobe activity</i> Matthew Nelson, Stanislas Dehaene, Christophe Pallier and John Hale .....	1
<i>Learning an Input Filter for Argument Structure Acquisition</i> Laurel Perkins, Naomi Feldman and Jeffrey Lidz .....	11
<i>Grounding sound change in ideal observer models of perception</i> Zachary Burchill and T. Florian Jaeger .....	20
<i>“Oh, I’ve Heard That Before”: Modelling Own-Dialect Bias After Perceptual Learning by Weighting Training Data</i> Rachael Tatman .....	29
<i>Inherent Biases of Recurrent Neural Networks for Phonological Assimilation and Dissimilation</i> Amanda Doucette .....	35
<i>Predicting Japanese scrambling in the wild</i> Naho Orita .....	41