

AAAI Workshops 2018

Technical Report WS-01

New Orleans, Louisiana, USA
2 – 3 February 2018

ISBN: 978-1-7138-2743-6

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© (2018) by Association for the Advancement of Artificial Intelligence
All rights reserved.

Printed with permission by Curran Associates, Inc. (2021)

For permission requests, please contact Association for the Advancement of Artificial Intelligence
at the address below.

Association for the Advancement of Artificial Intelligence
2275 East Bayshore Road
Suite 160
Palo Alto, California 94303
USA

Phone: 1-650-328-3123
Fax: 1-650-321-4457

<https://aaai.org/Press/press.php>

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

THE AAAI-18 WORKSHOP ON AFFECTIVE CONTENT ANALYSIS	2
<i>Niyati Chhaya, Kokil Jaidka, Lyle H. Ungar</i>	
WHY IS AN EVENT AFFECTIVE? CLASSIFYING AFFECTIVE EVENTS BASED ON HUMAN NEEDS	8
<i>Haibo Ding, Tianyu Jiang, Ellen Riloff</i>	
KNOWLEDGE-DRIVEN FEED-FORWARD NEURAL NETWORK FOR AUDIO AFFECTIVE CONTENT ANALYSIS	16
<i>Sri Harsha Dumpala, Rupayan Chakraborty, Sunil Kumar Koppurapu</i>	
MULTIMODAL ALIGNMENT FOR AFFECTIVE CONTENT	21
<i>Nikita Haduong, David Nester, Preethi Vaidyanathan, Emily Prud'hommeaux, Reynold Bailey, Cecilia O. Alm</i>	
DO CONVOLUTIONAL NETWORKS NEED TO BE DEEP FOR TEXT CLASSIFICATION ?	29
<i>Hoa T. Le, Christophe Cerisara, Alexandre Denis</i>	
PREDICTING ENGAGEMENT BREAKDOWN IN HRI USING THIN-SLICES OF FACIAL EXPRESSIONS	37
<i>Tianlin Liu, Arvid Kappas</i>	
EMOTION DETECTION ON TV SHOW TRANSCRIPTS WITH SEQUENCE-BASED CONVOLUTIONAL NEURAL NETWORKS	44
<i>Sayyed M. Zahiri, Jinho D. Choi</i>	

Author Index