

NAACL HLT 2015

**The 2015 Conference of the  
North American Chapter of the  
Association for Computational Linguistics:  
Human Language Technologies**

**Proceedings of the 3rd Workshop on EVENTS: Definition,  
Detection, Coreference, and Representation**

June 4, 2015  
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## Introduction

This is the third international workshop in a series devoted to ongoing interest in the computation-oriented definition, representation, and detection of events, event coreference, event structure, slot filling, and multi-event sequences (scripts).

We are very pleased to have as invited speaker Bernardo Magnini from FBK/irst, Trento, Italy. Bernardo has a long history of building superb NLP software systems that reflect a deep understanding of nature of language.

As before, the workshop is primarily structured around interactive discussions, guided by examples. We scheduled three main questions for discussion:

- Definition and categorization of events and other inter-event relations: What are events, states, and eventualities? How best to represent and organize events? What relations obtain between events? Discussions of coreference and the other relations that link them, such as cause and precondition, deepening questions left unanswered in the prior workshops. Discussion leader: Palmer.
- Event mentions: When exactly is an event mentioned? How many events occur in complex mentions such as “they shot the snake dead”? How should aspectuals and event modifiers be best treated? When are two events the same? Discussions of ongoing event mention annotation and the complexities of the annotation rules. Discussion leader: Hovy.
- Complex event structure and scripts: How can complex event structures be decomposed? How can one identify subevents of complex vents, and order them into scripts? Where do event scripts begin and end? How do they relate to participants and their goals? The manual and automated creation of event scripts, evinced by increasing interest in automated event induction in the HLT community. Discussion leader: Mitamura.

This workshop continues the previous format by including a poster session to showcase projects from around the world. We received excellent submissions, contained in this volume.



**Organizers:**

Eduard Hovy, Carnegie Mellon University  
Teruko Mitamura, Carnegie Mellon University  
Martha Palmel, University of Colorado

**Program Committee:**

Dan Bikel, Google Inc.  
Rodolfo Delmonte, Università Ca' Foscari, Venice  
Robert Frederking, Carnegie Mellon University  
Marjorie Freedman, BBN  
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Stephanie Strassel, LDC, University of Pennsylvania  
Mihai Surdeanu, University of Arizona  
Lucy Vanderwende, Microsoft Inc.  
Benjamin van Durme, Johns Hopkins University  
Piek Vossen, Free University Amsterdam  
Luke Zettlemoyer, University of Washington

**Invited Speaker:**

Bernardo Magnini, Fondazione Bruno Kessler / irst



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# Workshop Program

Thursday, June 4, 2015

7:30–9:00 *Breakfast*

9:00–9:15 *Welcome*

9:15–10:30 *Invited Talk: Bernardo Magnini*

10:30–10:50 *Coffee break*

10:50–12:00 *Session I: Subevent structure and shared task*

12:00–13:30 *Lunch*

13:30–14:40 *Session II: Event mention (nugget) detection*

14:40–15:30 *Poster Session*

*Translating Granularity of Event Slots into Features for Event Coreference Resolution.*

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*Modeling and Characterizing Social Media Topics Using the Gamma Distribution*

Connie Yee, Nathan Keane and Liang Zhou

**15:30–15:50** *Coffee Break*

**15:50–17:00** *Session III: Inter-event relation annotation*

**17:00–17:30** *Discussion: Future event-related directions*

**Thursday, June 4, 2015 (continued)**

**17:30**      *Closing*

