

EACL 2014

**14th Conference of the European Chapter of the  
Association for Computational Linguistics**



**Proceedings of the Workshop on Computational Approaches  
to Causality in Language**

April 26, 2014  
Gothenburg, Sweden

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209 N. Eighth Street  
Stroudsburg, PA 18360  
USA  
Tel: +1-570-476-8006  
Fax: +1-570-476-0860  
[acl@aclweb.org](mailto:acl@aclweb.org)

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## Preface

Causality is a research field with roots in philosophy, psychology, physics and application domains in medicine and knowledge engineering. It focuses on cause-effect, or causal, relations between two events or actions, in which one (the cause), causes the other (the effect). This information can be used in a number of natural language processing applications such as question answering, text summarization, decision support etc. While encyclopaedic knowledge can be manually encoded into causal relations, in many other domains, causality is not explicit and must be inferred from data. The EACL Workshop on Computational Approaches to Causality in Language provides a forum for presentation and discussion of innovative research on all aspects of recognition, representation and the use of causal information and its processing in NLP-centered applications.

These proceedings contain papers presented at the workshop held in Gothenburg, Sweden on April 26 2014, in conjunction with the 14th Conference of the European Chapter of the Association for Computational Linguistics. We received 12 papers which were reviewed by the members of the workshop program committee, and accepted 7 of them.

I would like to thank all submitting authors for their work. I also would like to thank the members of the program committee for an outstanding job in reviewing and providing advice to the authors and to the organization committee, and the MUSE project (EU FP7-296703) for sponsoring this workshop.

Oleksandr Kolomiyets



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# Conference Program

**Saturday, April 26, 2014**

9:15–9:30      Opening Remarks

## **Session 1**

9:30–10:00    *Because We Say So*  
Julie Hunter and Laurence Danlos

*Automatic detection of causal relations in German multilog*  
Tina Bögel, Annette Hautli-Janisz, Sebastian Sulger and Miriam Butt

10:30–11:00    Coffee Break

*Studying the Semantic Context of two Dutch Causal Connectives*  
Iris Hendrickx and Wilbert Spooren

*Annotating causality in the TempEval-3 corpus*  
Paramita Mirza, Rachele Sprugnoli, Sara Tonelli and Manuela Speranza

*Building a Japanese Corpus of Temporal-Causal-Discourse Structures Based on SDRT for Extracting Causal Relations*  
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Mehwish Riaz and Roxana Girju

