ENLG 2013

14th European Workshop on Natural Language Generation

Proceedings of the Workshop

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Preface

We are pleased to present the papers accepted for presentation at the 14th European Workshop on Natural Language Generation (ENLG 2013), held in conjunction with the 51st Annual Meeting of the Association for Computational Linguistics (ACL 2013). The ENLG workshop will be held on August 8th and 9th in Sofia, Bulgaria.

This year's workshop forms part of a biennial series that has been running since 1987 and have been held at Royaumont, Edinburgh, Judenstein, Pisa, Leiden, Duisburg, Toulouse, Budapest, Aberdeen, Dagstuhl, Athens and Nancy. Together with the International Conference on Natural Language Generation (INLG), which is held in alternate years, ENLG is the main forum for research on all aspects of the generation of natural language.

For this year's edition, we invited submissions on all topics related to natural language generation. We received a total of 36 submissions from all over the world, and accepted 13 as long papers for oral presentation, and 10 as short papers for poster presentation. In addition, there were two papers accepted as demos. The first part of this volume contains all the accepted papers, as well as the abstracts by the two invited speakers for the workshop.

ENLG 2013 also hosts this year's edition of the Generation Challenges, where two shared task evaluation competitions will be presented: The KBGen Challenge (Banik, Gardent and Kow) and the Content Selection Challenge (Bouayad-Agha, Casamayor, Wanner and Mellish). Overviews of both challenges, together with short contributions by all participating teams, are found in the second part of the volume.

Another special event at this year's edition of ENLG 2013 is a panel on convergences and divergences between generating natural language from raw data or based on textual input. We have invited four panelists, two from each area, to give brief presentations. These will be followed by an open discussion.

Finally, we would like to thank the authors and the members of our program committee, whose work helped to ensure that the research papers collected herein are of a high standard. We are also delighted that Guy Lapalme and Pablo Gervás accepted our invitation to give invited talks at ENLG 2013.

Albert Gatt and Horacio Saggion Program co-Chairs for ENLG 2013

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Albert Gatt, University of Malta, Malta Horacio Saggion, Universitat Pompeu Fabra, Spain

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Hailong Cao, Harbin Institute of Technology, China Gerard Casamayor, Universitat Pompeu Fabra, Spain Allan Third, Open University, UK Xiaoning Zhu, Harbin Institute of Technology, China

Invited Speakers:

Pablo Gervás, Universidad Complutense de Madrid, Spain Guy Lapalme, Université de Montréal, Canada

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Workshop Program

Thursday, August 8, 2013

8:45-9:00	Opening Remarks
	Session 1: NLG from Semantic Representations and Knowledge Bases
9:00–9:30	Aligning Formal Meaning Representations with Surface Strings for Wide-Coverage Text Generation Valerio Basile and Johan Bos
9:30-10:00	<i>Exploiting Ontology Lexica for Generating Natural Language Texts from RDF Data</i> Philipp Cimiano, Janna Lüker, David Nagel and Christina Unger
10:00-10:30	User-Controlled, Robust Natural Language Generation from an Evolving Knowl- edge Base Eva Banik, Eric Kow and Vinay Chaudhri
10:30-11:00	Coffee Break
	Session 2: Realisation, Aggregation and Variation
11:00–11:30	<i>Enhancing the Expression of Contrast in the SPaRKy Restaurant Corpus</i> David Howcroft, Crystal Nakatsu and Michael White
11:30-12:00	Generating Elliptic Coordination Claire Gardent and Shashi Narayan
12:00-12:30	Using Integer Linear Programming for Content Selection, Lexicalization, and Ag- gregation to Produce Compact Texts from OWL Ontologies Gerasimos Lampouras and Ion Androutsopoulos
12:30-14:00	Lunch

Thursday, August 8, 2013 (continued)

Session 3: Referring Expressions and Multimodality

- 14:00–14:30 Generating and Interpreting Referring Expressions as Belief State Planning and Plan Recognition Dustin Smith and Henry Lieberman
- 14:30–15:00 *Graphs and Spatial Relations in the Generation of Referring Expressions* Jette Viethen, Margaret Mitchell and Emiel Krahmer
- 15:00–15:30 What and Where: An Empirical Investigation of Pointing Gestures and Descriptions in Multimodal Referring Actions Albert Gatt and Patrizia Paggio
- 15:30–16:00 Coffee Break

Invited Talk I

16:00–17:00 *Natural Language Generation and Summarization at RALI* Guy Lapalme

Generation Challenges

- 17:00–17:30 *The KBGen Challenge* Eva Banik, Claire Gardent and Eric Kow
- 17:30–18:00 *Overview of the First Content Selection Challenge from Open Semantic Web Data* Nadjet Bouayad-Agha, Gerard Casamayor, Leo Wanner and Chris Mellish

Friday, August 9, 2013

Invited Talk II

09:00–10:00 *Narrative Composition: Achieving the Perceived Linearity of Narrative* Pablo Gervás

Session 4: NLG for Learner Support

- 10:00–10:30 *Generating Natural Language Questions to Support Learning On-Line* David Lindberg, Fred Popowich, John Nesbit and Phil Winne
- 10:30–11:00 Coffee Break
- 11:00–11:30 *Generating Student Feedback from Time-Series Data Using Reinforcement Learning* Dimitra Gkatzia, Helen Hastie, Srinivasan Janarthanam and Oliver Lemon

Session 5: NLG from Textual Input

- 11:30–12:00 Deconstructing Human Literature Reviews A Framework for Multi-Document Summarization Kokil Jaidka, Christopher Khoo and Jin-Cheon Na
- 12:00–12:30 Abstractive Meeting Summarization with Entailment and Fusion Yashar Mehdad, Giuseppe Carenini, Frank Tompa and Raymond T. NG
- 12:30-14:00 Lunch
- 14:00–15:30 Poster Session
- 15:30–16:00 Coffee Break
- 16:00–17:30 Round table discussion: Generating language from raw data vs. Generating language from textual input
- 17:30–17:45 Conclusion

Friday, August 9, 2013 (continued)

Regular Posters

Automatic Voice Selection in Japanese based on Various Linguistic Information Ryu Iida and Takenobu Tokunaga

MIME - NLG in Pre-Hospital Care Anne Schneider, Alasdair Mort, Chris Mellish, Ehud Reiter, Phil Wilson and Pierre-Luc Vaudry

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