6th Workshop on Argument Mining

(ArgMining 2019)

Benno Stein and Henning Wachsmuth

`https://www.webis.de`

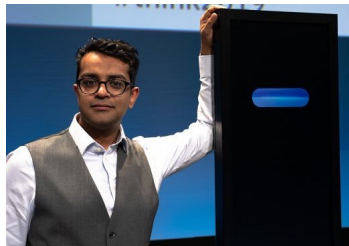# Computational Argumentation Is Growing

Research

Nation-wide programs, EU projects

Applications

Project Debater, search engines, ...

Computational Argumentation Is Growing
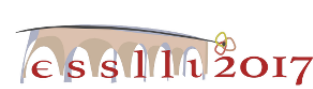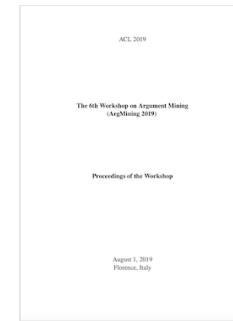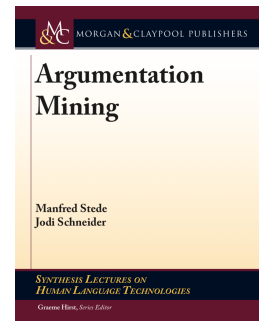
Research
Nation-wide programs, EU projects

Teaching
Tutorials, summer schools

Applications
Project Debater, search engines, ...

Literature
A first textbook, many publications

Computational Argumentation Is Growing
Argumentation-related Publications at ACL 2019

9 long papers

- Are You Convinced? Choosing the More Convincing Evidence with a Siamese Network
- Argument Generation with Retrieval, Planning, and Realization
- Argument Invention from First Principles
- Classification and Clustering of Arguments with Contextualized Word Embeddings
- Decompositional Argument Mining: A General Purpose Approach for Argument Graph Construction
- Determining Relative Argument Specificity and Stance for Complex Argumentative Structures
- Encoding Social Information with Graph Convolutional Networks for Political Perspective Detection in News Media
- From Surrogacy to Adoption; From Bitcoin to Cryptocurrency: Debate Topic Expansion
- Persuasion for Good: Towards a Personalized Persuasive Dialogue System for Social Good

5 short papers

- A Corpus for Modeling User and Language Effects in Argumentation on Online Debating
- An Empirical Study of Span Representations in Argumentation Structure Parsing
- Probing Neural Network Comprehension of Natural Language Arguments
- Who Sides With Whom? Towards Computational Construction of Discourse Networks for Political Debates
- Yes, we can! Mining Arguments in 50 Years of US Presidential Campaign Debates
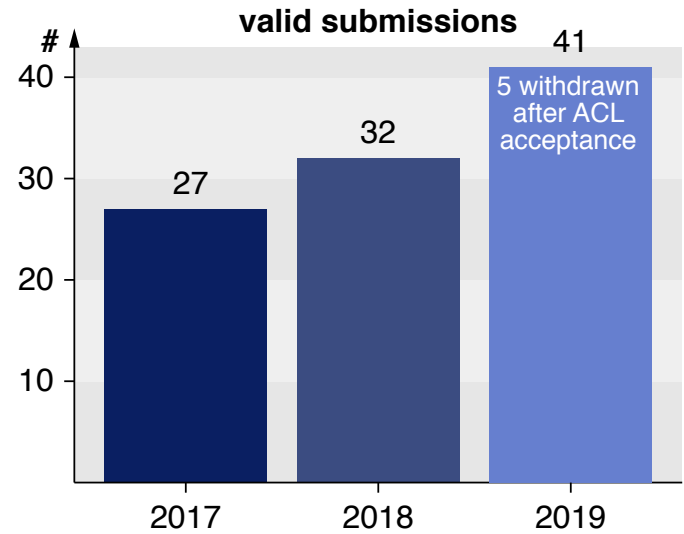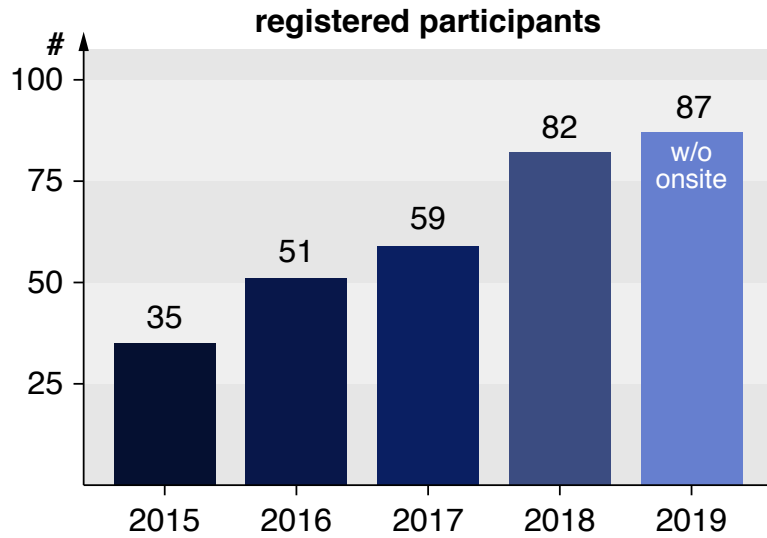
3 demo papers

- An Environment for the Relational Annotation of Political Debates
- PerspectroScope: A Window to the World of Diverse Perspectives
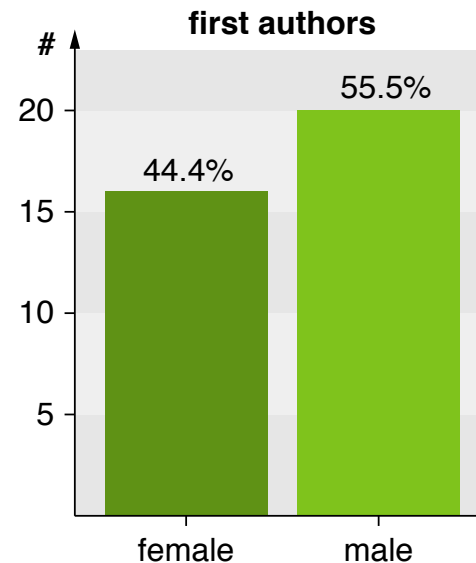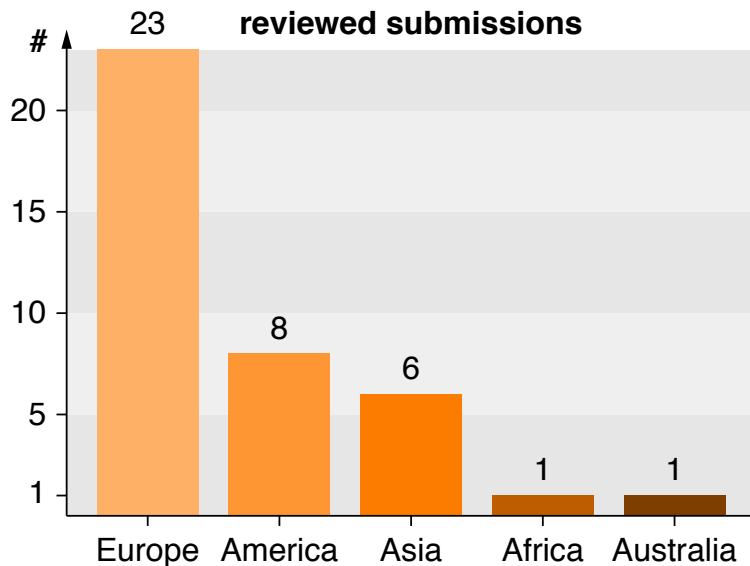- TARGER: Neural Argument Mining at Your Fingertips

1 student research workshop paper

- Annotating and Analyzing Semantic Role of Elementary Units and Relations in Online Persuasive Arguments

ArgMining 2019 Statistics

registered participants

Year	#
2015	35
2016	51
2017	59
2018	82
2019	87 (w/o onsite)

valid submissions

Year	#
2017	27
2018	32
2019	41 (5 withdrawn after ACL acceptance)

ArgMining 2019 Statistics

registered participants

- 2015: 35
- 2016: 51
- 2017: 59
- 2018: 82
- 2019: 87 (w/o onsite)

valid submissions

- 2017: 27
- 2018: 32
- 2019: 41 (5 withdrawn after ACL acceptance)

reviewed submissions

- Europe: 23
- America: 8
- Asia: 6
- Africa: 1
- Australia: 1

first authors

- female: 44.4%
- male: 55.5%

Acceptance Statistics

acceptance by mean overall scores

acceptance by submission type
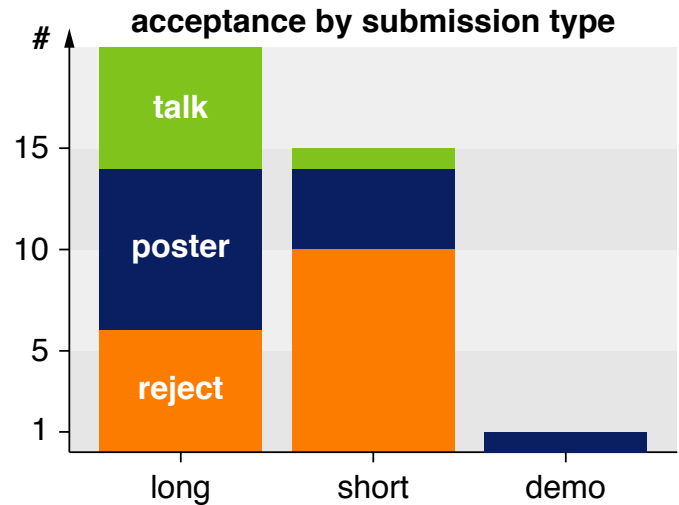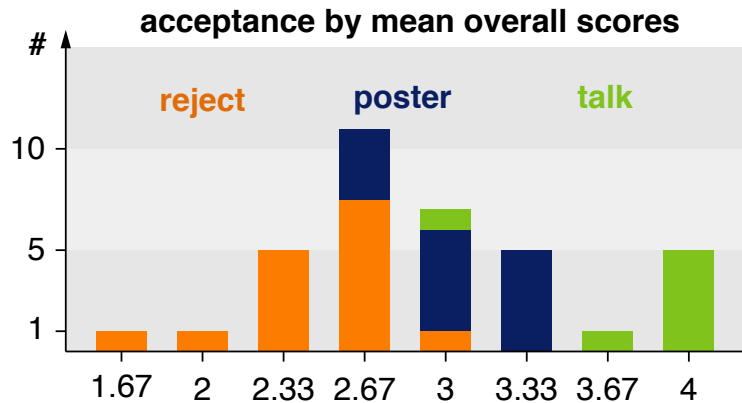
Thanks to our Program Committee!

- Ranit Aharonov, Yamen Ajjour, Ahmet Aker, Khalid Al-Khatib, Milad Alshomary, Carlos Alzate, Kevin Ashley, Roy Bar-Haim, Chris Biemann, Yonatan Bilu, André Blessing, Miriam Butt, Elena Cabrio, Claire Cardie, Johannes Daxenberger, Roxanne El Baff, Annette Frank, Michael Granitzer, Nancy Green, Ivan Habernal, Graeme Hirst, Yufang Hou, Jonas Kuhn, Gabriella Lapesa, John Lawrence, Beishui Liao, Diane Litman, Marie-Francine Moens, Smaranda Muresan, Elena Musi, Joonsuk Park, Georgios Petasis, Peter Potash, Olesya Razuvayevskaya, Chris Reed, Ariel Rosenfeld, Patrick Saint-Dizier, Jodi Schneider, Noam Slonim, Manfred Stede, Nicolas Turenne, Serena Villata, Vern R. Walker, Zhongyu Wei, and Magdalena Wolska

- Additional reviewers:
  Wei-Fan Chen, Özge Sevgili Erguven, Tobias Mayer, and Gregor Wiedemann

Program

Website

- `https://argmining19.webis.de`

- Thanks to our website chair Roxanne El Baff!

Proceedings

- `https://aclweb.org/anthology/events/ws-2019/#w19-45`

Program
Schedule

Session 1 (8:50 – 10:30)

- Keynote
- 2 regular talks

Session 2 (11:00 – 12:30)

- 3 regular talks
- Poster lightning talks

Session 3 (14:00 – 15:30)

- 1 demo and 12 posters

Session 4 (16:00 – 17:30)

- 2 regular talks
- Special event
- Best paper announcement

Enjoy the ArgMining 2019 program!

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