Welcome to NAACL HLT 2016!

Ani Nenkova
Owen Rambow
Program committee team

- 42 area chairs
- 685 reviewers, largest ever NAACL PC

Many thanks for their time and effort
Area chairs

Mohit Bansal  Regina Barzilay  Eduardo Blanco
Asli Celikyilmaz  Cristian Danescu-Niculescu-Mizil
Markus Dreyer  Chris Dyer  Jacob Eisenstein  Micha Elsner
Eric Fosler-Lussier  Alexander Fraser  Michel Galley
Kevin Gimpel  Dilek Hakkani-Tür  Helen Hastie  Yulan He
Dirk Hovy  Heng Ji  Jing Jiang  Annie Louis  Chin-Yew Lin
Daniel Marcu  Margaret Mitchell  Alessandro Moschitti
Hwee Tou Ng  Viet-An Nguyen  Mari Ostendorf
Marius Pasca  Slav Petrov  Dan Roth  Alexander Rush
Kenji Sagae  Giorgio Satta  Hinrich Schütze  William Schuler
Mihai Surdeanu  Kristina Toutanova  Byron Wallace
Xiaojun Wan  Furu Wei  Dekai Wu  Fei Xia
Expanding the reviewer pool

• The field has become too large to rely on area chairs knowing people personally

• Invited 1,400 researchers who
  – Had 3+ paper in the last 5 years at sister venues
  – Had 5+ papers in the last 10 years

• Average paper load was 3
  – Across both short and long papers
Requesting more of area chairs I

• Bid on 140 reviewers
  – with most similar research profiles

• When unfamiliar with the work of a reviewer
  – Look-up on Google scholar/DBLP
  – ACs identified a many suitable reviewers

• Areas were assigned only reviewers approved by the area chairs
Requesting more of area chairs II

• Work in pairs
  – Have emergency back-up
  – Discuss reviewer assignment and recommendations

• Write a meta-review
  – Justify each recommendation
  – For use only by the program chairs
Flexible areas

• We changed the traditional notion of areas
  – It is hard to predict size
  – Area size varies widely
  – Reviewer competence is not well-used

• Instead at NAACL HLT 2016
  – 21 areas defined by the area chair expertise
  – Areas capped at 40 papers
NAACL HLT 2016 Keywords

• Used to pair area chairs
• To find suitable reviewers for areas
• Match papers to areas
Acceptance Rates and Hot Areas
Acceptance Rates

- Total submissions: 698
- Withdrawn or rejected without review: 18
- Acceptance rates:

<table>
<thead>
<tr>
<th>Type</th>
<th>Submitted</th>
<th>Acceptance Rate</th>
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<tbody>
<tr>
<td>Long Papers</td>
<td>396</td>
<td>25%</td>
</tr>
<tr>
<td>Short Papers</td>
<td>284</td>
<td>29%</td>
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</tbody>
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Keywords, not Areas

• Linguistic Areas
  – Phonology, morphology, syntax, semantics, pragmatics, discourse

• NLP Areas
  – MT, WSD, summarization, sentiment, ...

• Methods
  – Deep learning, graphical models, crowd sourcing, ...

• Goals
  – New methods for NLP, machine learning, applications, coprora, ...

• Languages
  – English, Chinese, morphologically rich, low-resource, ...

• Genres
  – News, social media, scientific, ...

Will show acceptance rates for keywords with 10 or more submissions to long paper track
Linguistic Areas

Long Papers

Semantics: grounded 19
Semantics: lexical 42
Semantics: distributional 59
Discourse & phonetics 35
Syntax 43
Morphology 12
NOLNX 170
Pragmatics 12
Semantics: events 11
Semantics: ontologies 11
Goals

Long Papers

- New ML methods 48
- New methods for NLP 227
- Social sciences 27
- NOGOAL 56
- End-user applications 38
- Corpora and evaluations 70
- Linguistic theories 10
Languages

Long Papers

- Romance: 22%
- Chinese: 19%
- NOLANG: 28%
- Morphologically rich: 50%
- Low-resource: 28%
Frankenstein Papers
Or: How to Get a Paper into NAACL HLT

• Deep Learning for Analyzing Multimodal Chat Messages in Romanian
• Novel Graphical Models for Generating Conversations in Chinese
• *Après moi, le déluge*: The Lexical Semantics of Event Detection in Spoken French
Notes

• Poster presenters: please come to line up at the beginning of the pause before your session
• Talks are now 20 minutes (long) and 10 minutes (short)