Conclusion

Henning Wachsmuth, Yamen Ajjour
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Argumentation is pervasive

- **Reasons for argumentation**
  - No (clearly) correct answer or solution
  - A (possible) conflict of ideas, interests, positions, ...
  - In other words: *Controversy*

- **Goals of argumentation**
  - *Persuasion*
  - Agreement, dispute resolution
  - Deliberation
  - Justification, explanation
  - Decision making
  - Recommendation
  ... and similar
Research on computational argumentation

- **Computational argumentation**
  - Computational analysis and synthesis of natural language argumentation
  - Usually data-driven

\[
(1 - \alpha) \cdot \frac{p(d) \cdot |D|}{|A|} + \alpha \cdot \sum_{i} \frac{\hat{p}(c_i)}{|P_i|}
\]

- **Resources**
  - for development and evaluation

- **Models**
  - of arguments and argumentation

- **Methods**
  - for analysis and synthesis

- **Applications**
  - using the models and methods

Conclusion, Henning Wachsmuth
# Topics covered in the seminar

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Goals of the seminar revisited

- **We hope you have learned about...**
  - Basics of computational argumentation
  - Webis research in this area
  - Selected state-of-the-art research in detail
  - But there’s so much more...

- **You should have practiced...**
  - **Acquiring** relevant literature and knowledge on a research topic
  - **Understanding** key concepts and methods related to the topic
  - **Presenting** the topic in short and in depth
  - **Writing** a scientific text about the topic

Upcoming!
Tasks and grading revisited

- **Short talk, 5–7 minutes (~10% of the grade)**
  Slide templates available upon request
  - Overview given and further literature; structure the topic
  - Presentation: Outline of the topic

- **Long talk, 30–40 minutes (~40%)**
  Slide templates available upon request
  - Understand literature in detail; create a coherent "story"
  - Presentation: Detailed summary and discussion of the topic

- **Article, 8 pages + references (~40%)**
  Required: Use ACL-style files provided for Latex (recommended!) and Word
  - Create a written, possibly extended form of the long talk
  - Article: Detailed summary and discussion of the topic

- **Participation (~10%)**
  - Questions and discussions within the meetings
Your remaining tasks

1. Prepare your written article
   - Revisit details of all papers of your topic
   - Revisit the introduced basics of scientific presentation
   - Create a detailed draft of the article structure
     Example (high-level): Intro, background, approaches and results, comparison, conclusion

2. Meet with your advisor
   - Prepare questions
   - Contact us for 15–30 minutes appointment
     Not mandatory but recommended
   - Revise your draft afterwards

3. Write your article
   - Transform your long talk into a written form
   - Consider questions and feedback from the long talk
   - Submit article until March 23, 23:59 German time
     We are happy to get some articles earlier

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Thank you for joining the seminar :)