

# 1st Workshop on Computational Linguistics for Political Text Analysis

CPSS 2021 @ KONVENS

Düsseldorf, Germany

6. September 2021

# Thanks for being “here”!

First event by the GSCL SIG on  
*Computational Linguistics for  
Political and Social Sciences*

- Ines Rehbein, Goran Glavas, Gabriella Lapesa, Simone Ponzetto
- 31 members from 18 institutions in Germany/Swiss
- Join us if you haven't yet!



The image shows a screenshot of the GSCL website. At the top, there is a navigation bar with the GSCL logo and links for Home, News, Events, SIGs, Publications, Awards, Membership, About us, Login, and DE / EN. Below the navigation bar, the title of the event is displayed: "Computational Linguistics for Political and Social Sciences". Underneath the title is a large photograph of a modern, curved glass building with several flagpoles in front of it, each flying a different national flag. At the bottom of the screenshot, there is a line of text: "Chair: Goran Glavaš, Gabrielle Lapesa, Simone Ponzetto, Ines Rehbein".

<https://mailman.uni-mannheim.de/mailman/listinfo/cpss>



# Workshop Program: morning

9:00 – 9:15	Welcome	
9:15 – 10:00	Invited Talk	<b>Tomaž Erjavec</b> , Jožef Stefan Institute, Ljubljana <i>Comparability and interoperability of parliamentary corpora: Easier said than done</i>
10:00 – 11:00	Oral Session 1	<i>3 long paper presentations</i>
11:00 – 11:15	Coffee Break	
11:15 – 12:15	Twin Panel	Interdisciplinary methods and strategies for CPSS <b>EUINACTION</b> <b>Nikoleta Yordanova, Goran Glavaš</b> U-Leiden, U-Mannheim <b>MARDY</b> <b>Sebastian Haunss, Jonas Kuhn</b> U-Bremen, U-Stuttgart
12:15 – 13:15	Lunch Break	

# Workshop Program: afternoon

13:15 – 14:15	Oral Session 2	<i>4 short paper presentations</i>
14:15 – 15:00	Invited Talk	<b>Katharina Esau</b> , University of Düsseldorf Coding and Mining Arguments for a Better Democracy
15:00 – 15:15	Coffee Break	
15:15 – 16:15	Poster Session	<i>8 poster presentations</i>
16:15 – 17:00	Invited Talk	<b>Slava Jankin</b> , Hertie School Berlin Using NLP to Track Health Implications of Climate Change
17:00 – 17:45	Open Discussion	CPSS future activities & organisation of a shared task

# Twin Panel:

## The merits and challenges of interdisciplinary research

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# Round 1 (30 minutes)

## Project presentations:

- Project I: Modeling ARgumentation DYnamics in Political Discourse  
(**MARDY**)

**Sebastian Haunss (U-Bremen) & Jonas Kuhn (U-Stuttgart)**

*(10+5 minutes)*

- Project II: Willingness and Capacity for EU Policy Action in Turbulent Times: Conflicts, Positions and Outcomes (**EUINACTION**)

**Nikoleta Yordanova (U-Leiden) & Goran Glavaš (U-Mannheim)**

*(10+5 minutes)*

# Round 2 (15 minutes)

## Challenges of interdisciplinary research:

- Which challenges/issues did you expect?
- Which challenges did you actually encounter?





# Round 3 (15 minutes)

## Best Practices:

- What worked particularly well?  
(infrastructure, communication, training, conceptual level)
- If you could restart anew, what would you change/do differently?
- And what advice would you give to fellow researchers in the field?



# Open Discussion

## CPSS future activities:

- organisation of a shared task
- tutorials for tools, methods, ...
- invited talk series
- presentation of own work in progress
- *your ideas...*



# CPSS Shared Task @ KONVENS 2022

Proposal for organising a shared task on

## **Speaker attribution and coreference resolution in political debates**

- Task should be useful for many applications:  
=> who says / thinks / writes what to whom?

# CPSS Shared Task @ KONVENS 2022

- Speaker attribution annotation scheme based on the Redewiedergabe project (Brunner et al. 2013, 2020)
- **Schema:**
  - the **medium** (*speech, thought, writing*)
  - the **type** (*direct, indirect, reported*)
  - the **role** (**speaker** or **source**, frame, **message**, **addressee**)

## Example:

**Die Linke** sagt: “*Lange Arbeitszeiten und fehlende Ruhezeiten machen krank*”.

- Medium: *speech*
- Type: *direct*

# CPSS Shared Task @ KONVENS 2022

Die Linke sagt: "*Lange Arbeitszeiten und fehlende Ruhezeiten machen krank*".

Why do we need coreference resolution?



[*Zu lange Arbeitszeiten machen krank.*]<sub>i</sub> Das<sub>i</sub> behaupten nicht nur die Linken.

# CPSS Shared Task @ KONVENS 2022

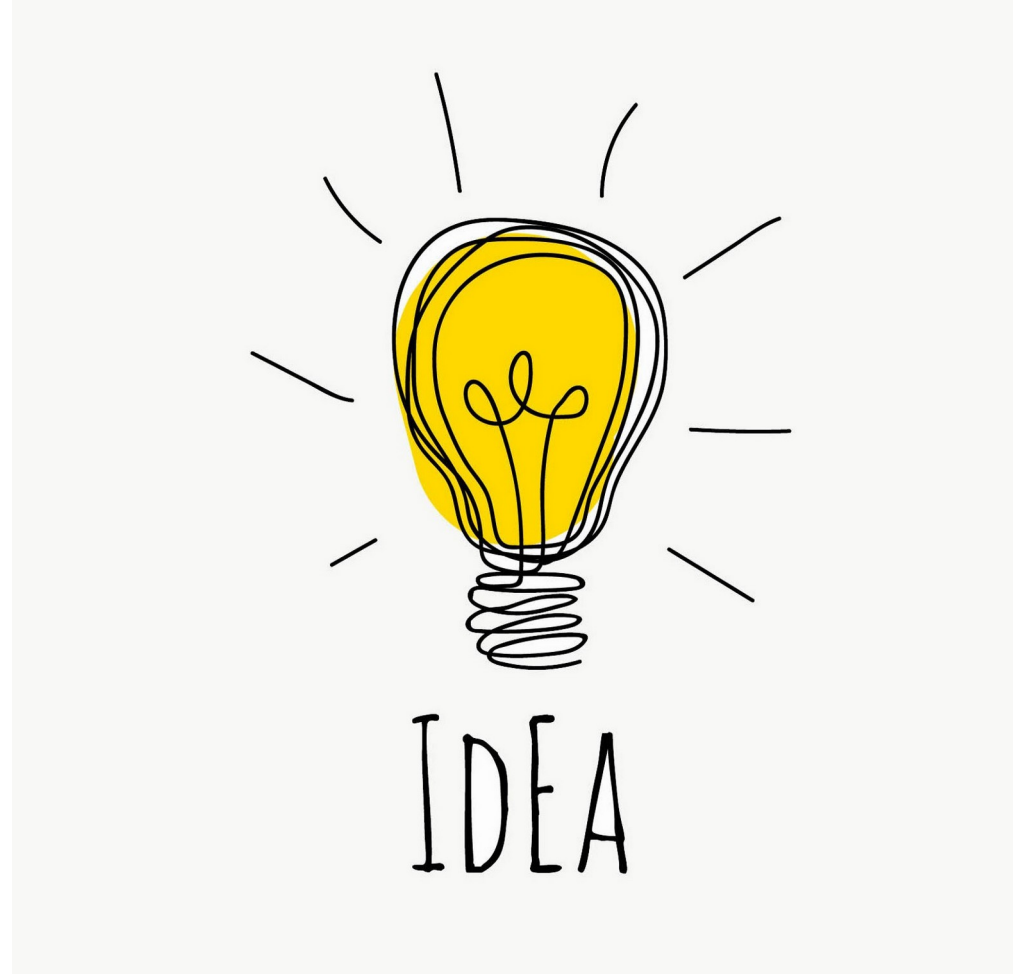
## How to get going:

- Select data (Bundestag debates, EuroParl?)
- Adapt guidelines from Redewiedergabe project
- Apply for funding at GSCL (won't be enough...)
- **Helping hands for text annotation needed!!!**



# Future CPSS activities

- Your ideas ...



# Closing session

## A Big Thank You

- to our hard-working reviewers
- to all authors and presenters
- to all participants
- and to the KONVENS organisers

Hope to see you all at a  
2<sup>nd</sup> edition of CPSS next year!

