

# Postdoc in *Computational Social Science* @ University of Stuttgart

## Description

My group on *Computational Social Science* (CSS) in Stuttgart is seeking applicants for a **postdoctoral position** to start in September (or later). The position is *up to 6 years*. We offer a competitive salary of *~80.000€* (depending on the candidate's prior experience) and *excellent research conditions* (own budget for teaching assistants, travel and experiments).

The CSS lab focuses on the intersection of social and computer sciences. Successful candidates may participate in ongoing projects, among those:

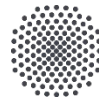
- analyzing social mechanisms in politics, media, science, and the economy,
- mining and organizing “new” types of data,
- developing innovative statistical methods.

Our work is funded by several national and international agencies; hence, resources are reserved for you to, e.g., hire your own teaching assistants, travel to conferences, conduct experiments or buy specific equipment. Furthermore, lab members may utilize unique data sources (e.g., political speeches, social and print media, patents, or scientific track records) or existing pipelines to run Large Language Models. In addition, we have convenient access to high-performance computing. The position includes teaching obligations of two undergrad classes per term (for which material exists).

The University of Stuttgart is an interdisciplinary research university with great intellectual and technological possibilities in one of Europe's most vibrant industrial regions. The lab on CSS collaborates with many of Stuttgart's excellent institutes, for instance, the High-Performance Computing Center (*HLRS*), the Institute for Parallel and Distributed Systems (*IPVS*), and, in particular, the Institute for Natural Language Processing (*IMS*). Successful candidates would also have the opportunity to participate in ongoing collaborations with researchers from leading universities around the globe (Stanford, Harvard, Oxford, or Amsterdam).

## Qualifications

Suitable candidates should have completed, or be near completion of, a PhD. Relevant disciplines include *sociology*, *computer science*, *political science*, *communication*, or *economics*, among others. In particular, we seek candidates with experience in **natural language processing**, **social network analysis** and/or **machine learning**. While we are open to a broad range of substantive topics, a candidate focusing on mechanisms underlying **innovation and creative performance** (in science, business, organizations, etc.) or **political communication** would be ideal.



As an equal opportunity employer, the University of Stuttgart particularly encourages applications from women and persons with disabilities.

To apply, please send a **short research proposal (0.5-1 page), CV including publication record and teaching experiences, and one paper as writing sample**. Please send applications to [lukas.erhard@sowi.uni-stuttgart.de](mailto:lukas.erhard@sowi.uni-stuttgart.de). Applications will be considered on a rolling basis.