Seminar Wintersemester 2021
“Spread of Misinformation during COVID19”

Dr. Chandan Kumar
Akram Hosseini

Figure 1. The Information Dimensions of News Dissemination Ecosystem.¹

Target Group
Bachelor students interested in the methods of data science, human-computer interaction, and social science to study the problem of fake news and misinformation in modern society.

The Topic
In the context of Covid-19, large amounts of misinformation have been observed to spread online in viral fashion. Studying the spread of misinformation about Covid-19 helps us to understand what information correction the public needs during a health crisis. There are a large number of papers that address statistical information about the spread of misinformation about COVID-19 across different social networks using various semantic and syntactic data. In this seminar our goal is to explore a variety of works that studied the misinformation spread patterns during the Covid-19 pandemic, particularly the issues of who spreads misinformation, how it spreads, where and when it spreads, and the intervention methods. For example, we explore which misinforming news and content are likely to spread across which parts of the network and demographic sectors during the Covid-19 pandemic.

In this seminar, presentations and seminar reports will have to be delivered in English.

Procedure
After an introduction on the topic, participants will work individually on a technical report about a chosen topic. The report will be peer-reviewed by other participants. Students will give a talk about their topic and hand in their technical report.