

**Contents and timestamps of the Webinar recording: [Digital China Research in Social Sciences –](#)**

Organized on November 19, 2021 by CHERN and the Finnish University Network for Asian Studies

*Ask a Question that Can Be Answered: Reflections on Doing Digital Social Research*

Associate Professor Jun Liu, Department of Communication, University of Copenhagen

*Researching Social Unrest in China: a Data Science Toolkit*

Professor Christian Göbel, Department of East Asian Studies, University of Vienna

Jun Liu:

6:20 Importance of research design

12:25 What went fatally wrong in the presidential election poll in 1936?

14:10 Problem of sampling bias

16:55 Sampling bias in computational studies. N=All ?

19:00 Who and what is missing?

21:37 Criticism on studies about content moderation in China: exclude images

27:46 Need for a hybrid analysis of media

28:50 Data ethics and challenges, incl GDPR

36:50 How do GDPR and PIL affect the work of China scholars? Variation!

39:15 How to identify messages sent by chatbots?

42:00 Algorithms in China's social media, issues of sensitivity

Christian Göbel:

47:15 Wikidonna dataset. How to get data from the dataset with Python programming language

52:36 Multiprocessing and ethical issues

55:15 Web-scraping tool Scrapy

56:28 Storing the data: don't use excel!

1:01:16 Segmenting with the jieba library

1:02:33 Topic modeling: unsupervised text classification

1:07:05 Using topic models to visualize trends

1:09:16 Supervised text classification

1:12:07 Image classification

1:13:57 QGIS – geographic information system

1:13:38 What coding skills are needed?

1:16:34 Good libraries for data manipulation

1:17:18 Tips and tricks!