NWI-I00041 Information Retrieval Course Organization

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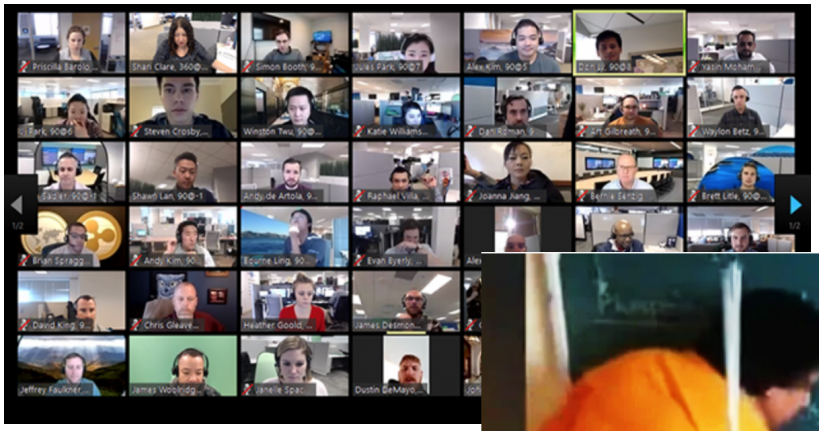
月桂冠


ACM SIGIR 2020
social events
https://sigir.org/sigir2020/
Nazli Goharian
Suzan Verberne
Hannah Bast
Asia Biega
Susan Dumais
Ashlee Edwards
Shiri Dori-Hacohen
sigIR Student Social
SIGIR 2020
XI'AN CHINA
TC - Charlie Clarke

Information Retrieval Course

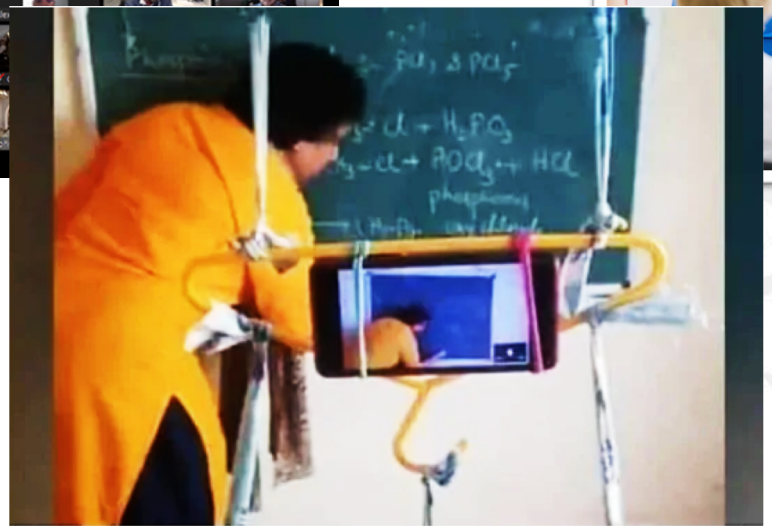
Information Retrieval Course

For an effective learning experience we need:



Your presence

Active participation
(Q&A and discussion)



Creativity and adaptation

Outline

- Lectures
  - Mondays 8:30

- Starting in October *(see your persoonlijkrooster.ru.nl/schedule!)*:
  - Assignmet sessions
  - Pay attention to the Brightspace announcements

- *Objective:*
  Let's interact!

- *Let me know in advance if you cannot make it to a lecture*

Lectures

- I expect you to read the lecture material announced on Brightspace before the next class
  - Read them at least diagonally
- Looking for in-lecture discussion!
- Recording of voice and slides
  - No recording of videos and written Q&A

Grading

- (Final) Exam: 50%
- Assignment: 50%

- Exams cover the lecture material: slides, but *also the key points discussed in the (mandatory) background reading (except for reading marked as optional)*

- Read background papers **carefully** for the exam; *not just diagonally*!
  - Tips on how to read a research paper

Assignment

- *Carry out an IR experiment*
  - More info in October (and via Brightspace)

- Write a report about the project
  - And, who knows, the basis for a few IR papers?!

What now:

- Register for the course (with my *unofficial* form):
  - http://tiny.cc/register-IR2021

- If you are *very* interested in IR, join our social media channels:


https://idf.social/invite/sDXfea4y


https://www.facebook.com/informagus


https://twitter.com/informagus

- If you are a Data Science student, sign up for our Slack:
  - http://tiny.cc/join-slack-IR2021

Course Program (Tentative)

1. Introduction
2. Retrieval Models
3. Implementation: Inverted Files
4. Evaluation: Cranfield Paradigm
5. Machine Learning for Search
6. Knowledge Graphs and Semantic Search
7. Web and Social
8. Exploratory Search
9. Sessions
10. Neural IR and Conversational Search
11. Online Learning to Rank
12. Guest Lecture
13. Guest Lecture
14. Federated Search