

# Claudia Hauff

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## EDUCATION

### UNIVERSITY OF TWENTE

PHD INFORMATION RETRIEVAL |  
ENSCHDEDE, THE NETHERLANDS

Thesis: Predicting the Effectiveness of  
Queries and Retrieval Systems  
2005 - 2010

### UNIVERSITY OF MAGDEBURG

DIPLOM COMPUTER SCIENCE |  
MAGDEBURG, GERMANY

Equivalent to BSc & MSc degree.  
Emphases on information retrieval,  
machine learning and computer  
graphics.  
2000 - 2005

## LINKS

Google Scholar: [chauff](#)

GitHub: [chauff](#)

Homepage: [chauff.github.io](#)

Twitter: [@CharlotteHase](#)

## TEACHING

### INFORMATION RETRIEVAL

10 week MSc-level course at TU Delft.  
The materials are available on [online](#).

### WEB & DATABASE TECHNOLOGIES

10 week BSc-level course (900 students)  
at TU Delft. Web technology classes focus  
on JavaScript and Node.js basics ([online  
materials](#)).

### BIG DATA PROCESSING

10 week BSc-level course at TU Delft.  
Given between 2013-2017; topics include  
stream processing and technologies in the  
Hadoop ecosystem ([online materials](#)).

## PROGRAMMING

Java • C++ • JavaScript • R  
Elasticsearch • Indri • PyTorch

## EXPERIENCE

### DELFT UNIVERSITY OF TECHNOLOGY | FACULTY MEMBER

2013 - present | Delft, the Netherlands

- Entered the tenure track in 2013, received tenure in 2016, promoted to **Associate Professor** in 2018.
- Research foci on information retrieval** (conversational search, collaborative search, deep learning for IR) **and data science** (mostly applied to data traces generated in Massive Open Online Courses).
- Supervisor of four completed PhD theses projects and three ongoing ones.
- Actively engaged in the information retrieval research community as SIGIR executive member (2019-2022 term), conference organizer (program co-chair of CIKM 2020 and track co-chair at the Web Conference 2020), editorial board member (Springer IR Journal, Foundations and Trends in Information Retrieval) and PhD examiner.

### MICROSOFT RESEARCH CAMBRIDGE | RESEARCH INTERN

June 2010 - August 2010 | Cambridge, UK

### YAHOO! RESEARCH BARCELONA | RESEARCH INTERN

September 2007 - December 2007 | Barcelona, Spain

## RESEARCH

Published more than **70 peer-reviewed articles**. Recent articles with an information retrieval focus include:

Daniël Rennings, Felipe Moraes and Claudia Hauff. An Axiomatic Approach to Diagnosing Neural IR Models, ECIR, pp. 1:489-1:503, 2019.

Felipe Moraes, Kilian Grashoff and Claudia Hauff. On the Impact of Group Size on Collaborative Search Effectiveness, Information Retrieval Journal, 2019.

Dimitrios Bountouridis, Jaron Harambam, Mykola Makhortykh, Monica Marrero, Nava Tintarev and Claudia Hauff. SIREN: A Simulation Framework for Understanding the Effects of Recommender Systems in Online News Environments, FAT, pp. 150-159, 2019.

Felipe Moraes, Sindunuraga Rikarno Putra and Claudia Hauff. Contrasting search as a learning activity with instructor-designed learning, CIKM, pp. 167-176, 2018.

Sindunuraga Rikarno Putra, Kilian Grashoff, Felipe Moraes and Claudia Hauff. On the Development of a Collaborative Search System, DESIRES, pp. 76-82, 2018.

## RESEARCH GRANTS

€100,000 Aspasia grant from the Netherlands Organisation for Scientific Research (NWO), September 2018.

€325,000 NWA VWDData program Responsible value creation with big data: project proposal on fair news with 2 co-PIs awarded, July 2017.

€800,000 Personal VIDI grant from NWO for a project on complex search in learning, May 2017.

€226,000 Personal TOP2 grant from NWO for a project on large-scale collaborative search in learning, November 2016.