



ASSOCIATE PROFESSORSHIPS  
ASSISTANT (TENURE-TRACK) PROFESSORSHIPS  
POSTDOCTORAL FELLOWSHIPS  
PHD SCHOLARSHIPS



- within algorithms at Department of Computer Science at University of Copenhagen (DIKU), Denmark

The Algorithms Group at DIKU is headed by Professor Mikkel Thorup. The group is prolific at the topmost conferences like SODA, STOC, and FOCS, e.g., with 10 papers accepted for SODA'18.

Adding to the excitement, we have just started the new center Basic Algorithms Research Copenhagen (BARC). The aim is to attract top talent from around the world to an ambitious, creative, collaborative, and fun environment. Using the power of mathematics, we strive to create fundamental breakthroughs in algorithmic thinking, typically disseminated in top venues such as STOC, FOCS, and SODA. While the focus of BARC is algorithms theory, we do have a track record of surprising algorithmic discoveries leading to major industrial applications.

The BARC center was established in September 2017 with an initial grant of over €5 million from the VELUX Foundations to Thorup. It is located at the Department of Computer Science, University of Copenhagen, and organized in collaboration with the IT University of Copenhagen. In addition, the BARC center hosts several projects and researchers financed by other sources.

Finally, it should be mentioned that Computer Science and Engineering at University of Copenhagen was 11th in the 2017 Shanghai Ranking, and 3rd outside the US.

We are thus offering a very ambitious environment, and prospective candidates for Postdoctoral Fellowships, Assistant, and Associate Professorships should have demonstrated strength within algorithm with a solid publication record at the top conferences STOC, FOCS, and SODA. Applicants for PhD scholarships should have demonstrated great talent, e.g., at the International Olympiads of Mathematics or Informatics.

Full announcements of the BARC positions available at [barc.ku.dk](http://barc.ku.dk) under *Career Opportunities*