



PhD fellowships and Postdoctoral fellowships in Theoretical Computer Science and/or Combinatorial Optimization

The Department of Computer Science at the Faculty of Science at University of Copenhagen (DIKU) is offering PhD positions as well as Postdoctoral Fellowships in Theoretical Computer Science and/or Combinatorial Optimization commencing 1 September 2024 (the starting date is negotiable)

Description of the scientific environment

The PhD students and Postdocs will be part of a world-leading research environment in Theoretical Computer Science. We are home to the [Basic Algorithms Research Copenhagen \(BARC\) Centre](#) joint with the IT University of Copenhagen and have extensive collaborations with the Technical University of Denmark (DTU) and with Lund University on the Swedish side of the Oresund Bridge, as well as with our many visitors. We aim 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 algorithms and complexity theory. While our focus is on theoretical research, we do have a track record of surprising algorithmic discoveries leading to major industrial applications.

[The University of Copenhagen](#) was founded in 1479 and is the oldest and largest university in Denmark. It is often ranked as the best university in Scandinavia and consistently as one of the top places in Europe.

Application deadline and information:

The deadline for applications is January 10, 2024, 23:59 GMT +1.

[The full PhD-posting and application information can be found here](#)

[The full Postdoc posting, and application information can be found here](#)

Contact

For specific information about the positions, please contact Mikkel Abrahamsen (miab@di.ku.dk), Jakob Nordström (jn@di.ku.dk), Rasmus Pagh (pagh@di.ku.dk), Srikanth Srinivasan (srsr@di.ku.dk), Mikkel Thorup (mthorup@di.ku.dk) or Amir Yehudayoff (amye@di.ku.dk)

The monthly salaries stated below are general estimates. The concrete salary differs based on rate changes and individual assessment.

For PhD students on an integrated programme for the first part the current salary is DKK 16,490.50 before tax but will be higher if you are further advanced in your studies. For the second part you will get the full PhD salary as stated below.



Regular PhD: DKK 28,993.42

Postdoc is between DKK 41,828.79 and DKK 44,078.95

[Information on salary for the regular PhD programme and Postdoctoral fellowships can be found here](#)