

PhD Fellowship

in InfoVis – 3 years fully funded



UNIVERSITY OF
COPENHAGEN

Dept of Computer Science

A 3-year fully funded PhD fellowship in InfoVis is being offered at the Human-Centered Computing Section (HCC), Department of Computer Science (DIKU), University of Copenhagen, Denmark.

InfoVis research at HCC is carried out in the intersection of human-computer interaction and data science. We adopt techniques in both of these disciplines, as well as artificial intelligence, computer vision, and perceptual and cognitive psychology, to devise novel visualization and interaction methodologies that support reasoning about large complex datasets. Our ultimate motivation is to help real-world application domains (e.g., biotech industry, molecular biosciences, social networks) make timely informed decisions and important discoveries.

We are looking for a creative PhD student who shares our passion and who is eager to help us achieve our goal. The details of the PhD research project will be discussed when the fellowship starts and will be based on the student's interests and ideas. The student will be affiliated to the BIOPRO consortium involving partners in both academia and industry [biopro.nu].

Examples of research topics:

computational and model-based methods for **visualization design** optimization;
visualization of **set**-typed, **biological** or **statistical** data;
interactive visualization techniques for **exploratory data analysis**;
visual analytics tools to support understanding of **predictive models**;
visualization for **artificial intelligence**.

DIKU was established in April 1970 as the first Computer Science department in Denmark, and has since become an excellent research centre working closely with both Danish and international institutions and companies. The 2018 Academic Ranking of World Universities (ARWU) ranked the University of Copenhagen as the 7th best European research institution for Computer Science & Engineering.

The department's **HCC** section is world renowned for its HCI research excellence, and is now expanding its InfoVis research group. HCC supports PhD students in pursuing their research interests and in establishing their niche expertise in the field.

Copenhagen is one of the most liveable cities in the world. The city is vibrant and rich in culture, and boasts very high standards of living and welfare, an exceptional work-life balance, and plenty of recreational areas and activities.

Starting date

February 1, 2019 or asap thereafter

Supervisors

Assistant Professor Luana Micallef
Professor Kasper Hornbæk

Application

[di.ku.dk/english/about/vacancies/
phd-fellow-in-information-visualization](http://di.ku.dk/english/about/vacancies/phd-fellow-in-information-visualization)
Apply by November 25, 2018

Contact

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