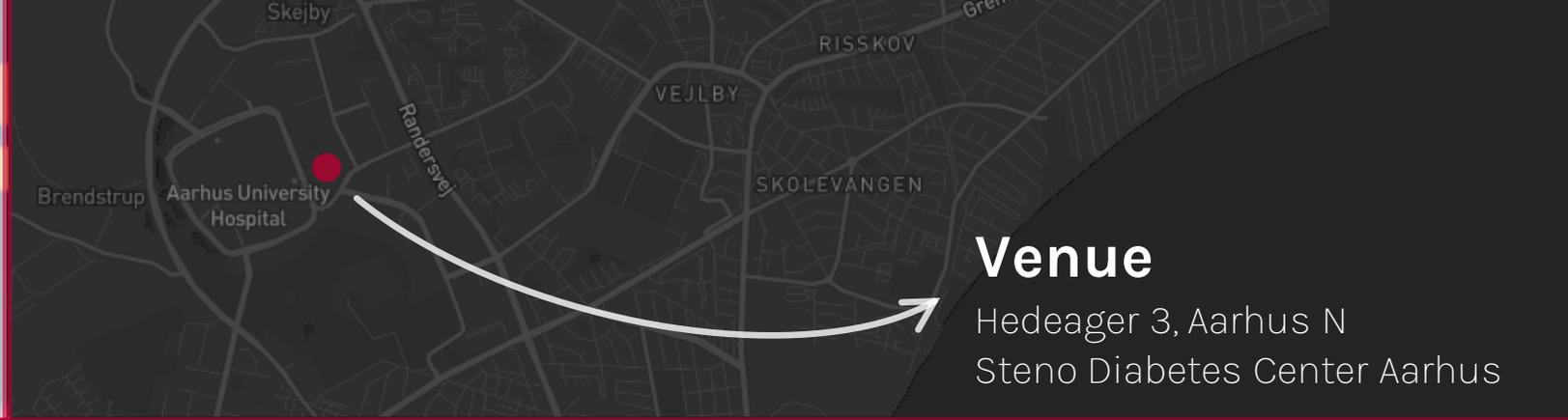


DATA SCIENCE & VISUALISATION

Steno Epidemiology & Biostats
Network Symposium



Venue

Hedeager 3, Aarhus N
Steno Diabetes Center Aarhus

Programme

Tuesday April 26

- 12.00 Sandwiches, refreshments
- 12.30 Welcome, introductions
- 13.00 NNF Data science infrastructure grant by Luke Johnston
- 14.00 Lightning talks part 1
- 14.30 Coffee & tea break
- 15.00 Lightning talks part 2
- 15.30 Data visualization by Prof. Hans-Jörg Schulz
- 16.00 Feedback on lightning talks
- 18.30 Dinner at Hotel GUESTapart Tueager 5, Aarhus N

Wednesday April 27

- 09.00 Workshop part 1
- 10.30 Coffee & tea break
- 11.00 Workshop part 2
- 12.30 Lunch (sandwiches)
- 13.00 Workshop part 3
- 14.00 Goodbye



Sign-up forms.gle/qwRJYYbFvMR843KHA

Registration max. 40 persons

All participants should prepare one slide with a figure or illustration that showcase a research project of theirs.



About the speaker

Hans-Jörg Schulz is Associate Professor at the Computer Science Department of Aarhus University. He has more than 15 years of research experience in data visualization and visual analytics. He frequently works in interdisciplinary and applied research projects, often with data from the life sciences or geosciences. In his spare time, he collects tree visualizations at treevis.net

Abstract

The Do's and Don'ts of Data Visualization

Data visualization is an extremely useful tool to explore datasets and communicate results. It is also an area riddled with pitfalls and uncertainties when it comes to doing visualization “right”. This interactive talk will provide insight into both sides of this equation: visualization hazards to look out for and to avoid, as well as visualization best practices to strive for and to follow. Thus equipped, we will then revisit some of the charts and graphs we have seen in the lightning talks and discuss what is good about them, what is maybe not as optimal, and how to potentially resolve the latter aspects.

Hands-On Data Visualization

This workshop will introduce you to a structured visualization design process and to a series of tools and techniques to ideate, prototype, and potentially deploy data visualizations. Starting from a common dataset from the domain of diabetes/health research, you will be guided step by step through this design process to produce one or more novel visualization designs and take first steps to bringing it to life. To follow along, please make sure to bring your laptop. All other materials will be provided.

