

Data Science and Analytics Webinar Series 2021

Trajectory Data Analytics – Towards Increased Accuracy at Scale

 **8 Nov 2021** (Mon)
 **16:00 – 17:00** (HKT, UTC+08:00)
 **Online via Zoom**
(Link to be provided upon registration)



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Abstract

The sweeping digitalization of societal processes generates massive volumes of data that, if harnessed properly, hold the potential to improve the processes. This talk considers the process of vehicular transportation and the use of vehicular trajectory data that captures detailed information about the underlying transportation system. Specifically, the increasing availability of such data holds the potential to enable smarter transportation. The talk covers recent advances in data-intensive analytics that are capable of exploiting trajectory data to provide new or higher-resolution services related to transportation.

About the speaker

Christian S. Jensen is Professor of Computer Science at Aalborg University, Denmark. His research concerns analytics and data management, focusing on temporal and spatio-temporal analytics, including machine learning, data mining, and query processing. Christian is an ACM and IEEE Fellow, and he is a member of Academia Europaea, the Royal Danish Academy of Sciences and Letters, and the Danish Academy of Technical Sciences. He has received several awards for his research, most recently the 2019 IEEE TCDE Impact Award. He is on the board of Villum Fonden, a major funder of research in Denmark. He is President of the steering committee of the Swiss National Research Program on Big Data. In Germany, he is on the scientific advisory board (SAB) of the Max Planck Institute for Informatics; and in Norway, he chairs the SAB of the Norwegian Research Center for AI Innovation. He recently finished a 6-year term as Editor-in-Chief of ACM TODS.



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ALL ARE WELCOME