

Postdoctoral Position in Probabilistic Machine Learning for
Spatio-Temporal Data Modelling
Aalborg University

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Posted Oct. 30, 2025, set to expire Mar. 1, 2026

Job Title	Postdoctoral Position in Probabilistic Machine Learning for Spatio-Temporal Data Modelling
Department	Department of Computer Science https://www.cs.aau.dk
Institution	Aalborg University Copenhagen, Copenhagen, Denmark
Date Posted	Oct. 30, 2025
Application Deadline	Nov. 21, 2025
Position Start Date	Jan. 1, 2026
Job Categories	Post-Doc
Academic Field(s)	Computer Science
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Job Description

Aalborg University invites applications for a Postdoctoral position in Probabilistic Machine Learning for Spatio-Temporal Data Modelling, based at the Department of Computer Science, Copenhagen Campus. The position starts 1 January 2026 (or soon thereafter) for 18 months, with a possible extension based on performance.

This position is part of the DK-Future project — Probabilistic Geospatial Machine Learning for Predicting Future Danish Land Use under Compound Climate Impacts — funded by the Villum Foundation (Synergy Programme). The postdoc will develop probabilistic spatio-temporal models, advancing Bayesian, ensemble, and diffusion approaches to forecast land-use change under climate uncertainty. Work will be supervised by Assoc. Prof. Andrés R. Masegosa and conducted in close

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collaboration with Prof. Jamal Jokar Arsanjani.

Qualifications: PhD in Machine Learning, AI, Computer Science, Statistics, or a related field. Experience in probabilistic/Bayesian methods, variational inference, spatio-temporal modelling, or deep learning (TensorFlow/PyTorch/JAX). Experience with geospatial or environmental data is a plus.

Location: Copenhagen, Denmark. Deadline: 21 November 2025. Employment: Full time. Ref. number: 2025/631.

More information and online application: <https://www.vacancies.aau.dk/scientific-positions/show-vacancy/vacancyId/868169>

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Andrés R. Masegosa
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