

SPATIAL STATISTICS

2025

AT THE DAWN
OF AI

15-18 JULY 2025 NH LEEUWENHOORST, NOORDWIJK, THE NETHERLANDS

**SUBMIT YOUR
ABSTRACT!**
Deadline
24 January 2025

ORGANISED BY



Welcome to the **7th Spatial Statistics** conference, which will be held at NH Leeuwenhoorst, Noordwijk, The Netherlands, from 15-18 July 2025, under the theme **At the Dawn of AI**.

At the conference the latest developments in spatial statistics will be presented, emphasising their contributions at the dawn of AI, now and in the future. The optimal use of collected data, predicting in space and time, object recognition and segmentation, and transferability in the presence of spatial and temporal correlations are typical, but not exhaustive examples.

CONFERENCE TOPICS

Methods

- Spatial deep learning
- Spatial statistical learning
- Neural networks in space
- Large language models in space
- Natural language processing for spatial challenges
- Spatio/temporal modeling of points and objects
- Causality in space and time
- Modeling and predicting of extremes
- Space-time statistics: geostatistics, point patterns, estimation methods, large dimensions
- Discrete spatial variation
- Spatial and spatio/temporal variability and dependence
- Stochastic geometry, tessellation, point processes, random sets

Applications

- Environment: soil, water, atmosphere
- Interface of neural computing and spatial/spatio-temporal statistics
- Climate system modeling and observations
- Health e.g. epidemiology, geohealth and global health
- Spatially-explicit ecological models
- Plant and animal epidemiology
- Quantifying the spatial extent of hazards and risk
- Crime, poverty, liveability mapping

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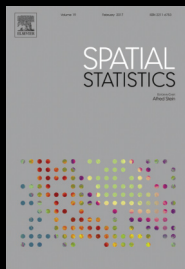
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SUPPORTING JOURNAL
Spatial Statistics

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SUBMIT YOUR ABSTRACT

Abstracts for presentations at the conference are invited on the topics listed overleaf and on our website. For more information and to submit your abstract visit: **elsevier.io/spatial-statistics**

CONFERENCE CHAIRS



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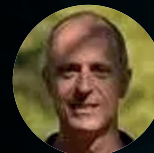
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