ICMU

INTERNATIONAL CENTRE
FOR MATHEMATICS
IN UKRAINE

ICMU Mini-course
An introduction to spatial modeling and
inference with Gaussian processes
by Oksana Chkrebtii
4 – 13 February 2026
Kyiv, online

Additional information

GitHub

This repository contains partial lecture slides, datasets
and code used in the lectures
https://github.com/ochkrebtii/icmu-GP

Some Background Literature

1. Gaussian Processes for Machine Learning
https://gaussianprocess.org/gpml/

2. A First Course in Bayesian Statistical Methods
https://pdhoff.github.io/book/

3. Bayesian Data Analysis
https://sites.stat.columbia.edu/gelman/book/