

# LSPM

# Question-Based Lecture

Week 5

# Week 5 (this week): agent-based modelling

Questions?

# Week 6 (next week): model calibration

- Theory
- Computer labs

Try to finish all labs by March 21st

If not, finish by the end of the course the latest

# Short paper assignment

- Feedback in BB

General comments (see also announcement in BB):

- Include very short introduction
- Add additional references/context (not a requirement)
- Word limit is not strict for 2nd version
- Upload second version by Friday next week

# Second part of the course

Course outline									
week in year									
6	7	8	9	10	11	12	13	14	15
Start day									
03/02/2025	10/02/2025	17/02/2025	24/02/2025	03/03/2025	10/03/2025	17/03/2025	24/03/2025	31/03/2025	07/04/2025
week in course									
1	2	3	4	5	6	7	8	9	10
Model Theory							Personal project		
Introduction	Local Models	Spatial Models	Stochastic Models	Agent-based models	Calibration				
Model Tools									
Python Programing	Python Programming, Map Algebra	Dynamic Modelling	Stochstic Modelling	Agent-based modelling	Calibration	Calibration	Project proposal		Presentation on Project
									Report on Project
Short paper assignment									
			first version		second version				
Exam									
						Exam			

# Exam: in 2 weeks

- Open book exam (bring laptop if you like)
- Any software tool can be used except large language models (e.g. ChatGPT)
- Exam is handwritten (on paper)
- Some questions related to research paper sent to you (~7 days before exam)
- Study the paper before the exam
- Details in Section 1.12 of the study guide (including example exam)

Question-based lecture next  
week on Monday