AFEPA Summer School 2023 course "Agent-Based Modelling"

The aim of the course is to enable participants to develop, document and present their own ABM.

What to expect:

In the mornings, there will be lectures that provide the participants with the necessary theoretical and methodological basics. These will be underpinned by use cases of ABM in agricultural economics. In the afternoons, participants will be introduced to model development through guided exercises and group work.
In order to pass the course, a model (concept) has to be developed, documented and presented in front of other participants.

Preliminary schedule:

Time	Monday 31 July	Tuesday 1 August	Wednesday 2 August	Thursday 3 August	Friday 4 August
09:00-12:00	**Programming, Modelling and Simulation** Introduction to terminology and basics	**Modelling of complex adaptive systems** Or: Why we need ABM	**Documentation, Validation and Verification**	**Making sense of model outcomes**	**Presentation of the results of the groups**
12:00-13:00	Break	Break	Break	Break	
13:00-16:00	Exercise: **Introduction to Netlogo**	Exercise: **Running your first ABM**	Group work: Develop your own ABM	Group work: Develop your own ABM	

What you need to bring:

- Laptop
- Microsoft Excel (or an equivalent free version)
- Netlogo: Please download latest version from: https://ccl.northwestern.edu/netlogo/
- Curiosity, active participation and possibly already an idea for your own ABM

Please let me know if you need a screen reader compatible version of the documents and lecture slides or if you have any other accessibility needs.

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