Simulation

ALEXANDER MOISEEV

General information

Lectures: 32 hours;   Labs: 32 hours.

≈16 laboratory works.

Check points: at the end of each quarter – colloquium on lecture topics.

If all labs in a quarter are complete (checked by teacher) in time (before control week starts) – colloquium is passed automatically (with mark 5).

Final assessment – average of marks for all quarters, if all marks ≥ 2.

Program

Topic	Lectures	Labs
1. Examples	2	4
2. Introduction	1	
3. System dynamics	5	1
4. Stochastic modeling	5	8
5. Discrete event simulation. Agent-based modeling	1	2
6. Experiment planning and results processing	1	
7. Software for simulation	1	

Resources

X:\Everyone(Shared)\moiseev\sims

Quarter 1

Theory

- Examples of simulation models

- Introduction

Labs

4 labs based on examples