

# Complex Systems Made Simple:

→ Background Course, Nellore Tutos.

→ Project → 5 or 6 weeks

Computational Models

Applying nature's methods to technology. Artificial Intelligence is more organic  
"Bio-inspiration" - "Complex Systems inspired"

ABM vs Math. Modeling?

Abstract phenomena can connect to all system

Open - virtualisation

(A) Specific Objects

(B) Unifying concepts

(C) Theoretical Models

what is energy of?  
chaos? order?

Complex Systems  
Self-organised pattern

Validation of Models with Quantitative measurement

Empirical - Trying out new ML Program

Working Paper

14/10 → Proposed Pres.

Thursday 28/11

Wednesday 27/11

2pm - 18:30

Formality of Agents

Computational - imitates the system

(P)andrew Gosh - Moon

ABM as a program

is a program that simulates the system

Simulation of dynamic system & biological system