

MISSABMS - 12-23 of September 2016

	Monday 12th	Tuesday 13th	Wednesday 14th	Thursday 15th	Friday 16st
9h	Welcome Session	Uses of Agent-Based Models for socio-ecosystems : a panorama	Conceptual model Specifying the processes with UML	<u>Experimental plans, Calibration & Analysis</u>	Coding Practice on 1 platform
10h	Concepts and definitions of Modeling and Simulation	Conceptual model Designing the structure with UML	Benchmark Model UML diagrams for dynamics	Benchmark Model For each platform	
11h			For each platform Metamodel of the scheduler	Demo : monitoring and visualisation	
12h			Get familiar with platforms: Implementing dynamics. Trainees try to redo demo on platforms	Get familiar with platforms: Implementing monitoring	
13h	Week-organisation and modelling guide Benchmark model Conceptual modelling	Benchmark Model UML Class diagram	For each platform Demo of platform specificities		
14h30	ReHab Ice-breaking role-playing game	Benchmark Model For each platform Metamodel of the platform	Participants' Prototype Models (PPMs) Presentation of models and discussion	General discussion on platforms Choice of a platform	Participants' Prototype Models (PPMs) Story and conceptual model
16h30	Introduction to multi-agents systems and agent-based simulation	Get familiar with platforms: structure and initialisation Trainees try to redo demo on platforms		Coding Practice on 1 platform	
17h30					

	Monday 19th	Tuesday 20th	Wednesday 21th	Thursday 22th	Friday 23st
9h	<u>Speed-Presentation of models from 2nd year participants</u>	<u>Case Study: a project with CORMAS platform</u>	<u>Case Study: a project with GAMA platform</u>	<u>Case Study: A project with Netlogo platform</u>	Preparation of PPMs presentation & demo
13h	Participants' Prototype Models (PPMs) Class diagram, structure and initialisation	Participants' Prototype Models (PPMs) Sequence diagram and global dynamics	Participants' Prototype Models (PPMs) Activity diagrams and agents behaviours	Participants' Prototype Models (PPMs) Indicators, visualisation and analysis	<u>Presentation and demo of PPMs</u>
14h30	Documentation of ABMs	Validation of ABM	Technical discussions	Participants' Prototype Models (PPMs) Indicators, visualisation and analysis	Final
17h30	PPMs - static Presentation to another group	PPMs - global dynamics Presentation to another group	PPMs - agents behaviours Presentation to another group	PPMs - visualisation Presentation to another group	
			<u>Summer School Diner</u>		