

Lake Como School of Advanced studies

Programme proposal

Monday 11 - Friday 15, September 2017

School coordinators:

Dr. Ing. Stefano Armenia
System Dynamics Italian Chapter

Prof. Edoardo Mollona,
Department of Computer Science and Engineering
Università degli Studi di Bologna

	Topic	Activity	Lead
Monday 11.			
09:00 – 09:30	Opening	Presentations	Stefano Armenia / Edoardo Mollona
09:30 – 10:30	Conceptualization & Basic Policy Modeling	Lecture I	Pål I Davidsen
10:30 - 11:00	Coffe break		
11:00 – 13:00	Conceptualization & Basic Policy Modeling	Lecture I	Pål I Davidsen
13:00 – 14:30		Lunch	
14:30 – 16:00	Modelling Short- and Long-term policies of capacity adjustment / Shifting the burden	Lecture II	Pål I. Davidsen
16:00 – 16:30	Coffe break		
16:30 – 18:30	Modelling Short- and Long-term policies of capacity adjustment / Shifting the burden	Lecture II	Pål I. Davidsen
18:30 – 19:30	Sharpening system thinking by playing together	Team playing	Rocco Scolozzi

Tuesday 12.			
09:00 – 10:30	Modelling Recruitment and Staffing policies	Workshop I	Pål I. Davidsen
10:30 – 11:00	Coffe break		
11:00 – 13:00	Modelling Supply Chain instabilities	Workshop II	Pål I. Davidsen
13:00 – 14:30		Lunch	
14:30 – 16:00	Workshop III: Modelling Market Growth	Workshop III	Pål I. Davidsen
16:00 – 16:30	Coffe break		
16:30 – 17:30	Workshop III: Modelling Market Growth	Workshop IV	Pål I. Davidsen
17:30 – 18:30	Sharpening system thinking by playing together	Team playing	Rocco Scolozzi

Wednesday 13.			
09:00 – 10:30	"Hybrid modelling: combined use of System Dynamics and individual-based modelling in ecology" Working group setup	Lecture III	Francesco Giannino
10:30 – 11:00	Coffee break		
11:00 – 13:00	Modelling Social Services & Policies	Lecture IV	Douglas Mc Kelvie
13:00 – 14:30	Lunch		
14:30 – 16:00	Modeling and analysis	Facilitated Work-shops in groups	Stefano Armenia/ Francesco Giannino/ Douglas Mc Kelvie / Edoardo Mollona/ Rocco Scolozzi/ Nuno Videria
16:00 – 16:30	Coffee break		
16:30 – 18:30	Participatory Modelling of Sustainability Challenges: From Problem Scoping to Policy Analysis	Lecture V	Nuno Videria
18:30 – 19:30	Sharpening system thinking by playing together	Team playing	Rocco Scolozzi

Thursday 14			
09:00 – 10:30	Modeling and analysis	Facilitated Work-shops in groups	Stefano Armenia/ Douglas Mc Kelvie / Edoardo Mollona/ Rocco Scolozzi/ Nuno Videria
10:30 – 11:00	Coffee break		
11:00 – 13:00	Modeling and analysis	Facilitated Work-shops in groups	Stefano Armenia/ Douglas Mc Kelvie / Edoardo Mollona/ Rocco Scolozzi/ Nuno Videria
13:00 – 14:30	Lunch		
14:30 – 16:00	Computer simulation as a research strategy in social sciences	Lecture VI	Edoardo Mollona
16:00 – 16:30	Coffee break		
16:30 – 18:30	Modeling and analysis	Lecture VII	David Wheat
18:30 – 19:30	Sharpening system thinking by playing together	Team playing	Rocco Scolozzi

Friday 15			
09:00 – 10:30	Modeling and analysis	Lecture VIII	David Wheat
10:30 – 11:00	Coffee break		
11:00 – 13:00	Modeling and analysis	Facilitated Work-shops in groups	David Wheat/ Stefano Armenia/ Edoardo Mollona/ Rocco Scolozzi/ Nuno Videria
13:00 – 14:30	Lunch		
14:30 - 15:30	Embedding System Dynamics & Computer Simulation into successfull EU research project grants	Lecture IX	Stefano Armenia
15:30 – 16:00	Coffee break		
16:00 – 17:30	Presentation preparations	Facilitated Work-shops in groups	David Wheat/ Stefano Armenia/ Edoardo Mollona/ Rocco Scolozzi/ Nuno Videria
17:30 – 19:00	Presentations		Participants