

Iceland
Liechtenstein
Norway grants



Project Title: Romanian - Norwegian Strategic Cooperation in Maritime
Higher Education for enhancement human capital and knowledge base
in field of marine intelligent technologies

C3: “Joint mobilities for students”

Module course

”Machine learning applications in maritime industry”

Time	Classroom	Topic
22nd May, 9:00 ~ 13:00	F414	AI introduction: course
	F414	Neural network introduction: course
	F414	Multilayer perceptron network: course
23rd May, 9:00 ~ 17:00	Laboratory	AI introduction
	Laboratory	Neural network introduction
	Laboratory	Multilayer perceptron network

	Laboratory	Neural network in Scikit-learn Part I
24th May, 11:00 ~ 17:00	Laboratory	Neural network in Scikit-learn Part II
	Laboratory	Neuron network for ship control Part I
	Laboratory	Neuron network for ship control Part II
31th May, 9:00 ~ 17:00	Online	Neural network in Scikit-learn Part I and II
	Online	Neuron network for ship control Part I and II

Module course
 ”Practical applications in marine robotics”

Time	Classroom	Topic
22nd May, 15:00 ~ 17:00	F414	Digital twin concept and applications
24rd May, 9:00 ~ 11:00	F414	Fundamental of digital-twin system
25th May, 9:00 ~ 11:00	F414	Co-simulation using Vico
25th May, 11:00 ~ 17:00	Laboratory	Digital twin concept and applications
	Laboratory	Fundamental of digital-twin system

	Laboratory	Co-simulation using Vico
26th May, 9:00 ~ 17:00	Laboratory	Vico introduction
	Laboratory	Co-simulation for RV Gunnerus
	Laboratory	Ship motion prediction
	Laboratory	Summary
01th June, 9:00 ~ 17:00	Online	Vico introduction
	Online	Co-simulation for RV Gunnerus
	Online	Ship motion prediction
	Online	Summary