

# Reliability and Decision Making via Inshore Cruising activities



## Overview

Are you looking for unusual experiential learning, sportive activities, nature (sea), and cohesion? You would like to reinforce your strength of character, your leadership, daring, pugnacity, foresight, responsibility, and decision skills in a new context, out of lecture halls?

... Take full benefit of a week training thanks to the European DAhoy project [www.dahoyproject.eu](http://www.dahoyproject.eu)



**4-8 March 2019**

**Application deadline: 25 January 2019**

## Audience (Degree Programme/level)

Higher and Vocational Education Students at L3 (Bachelor), M1 or M2 level (Bologna levels), PhD student

## Brief Description of the Course

The DAhoy one-week course "Reliability and Decision Making via Inshore Cruising" aims to train students to take decisions and react in unexpected and unpredictable situations (VUCA situations: Volatile, Uncertain, Complex and Ambiguous). The experiential situations reflect real-life nautical scenarios with complexity and time pressure, where specific skills are to be acquired or reinforced: risk and priority management, watchfulness, team management with respectful interactions, collective mind, flexibility, resilience, etc. No sailing or cruising knowledge or skills are required for this course, you are to be out of your comfort zone to practice your decision skills, in unknown environments and contexts. These in-context and in-situ experiences are valuable in a career where responsibilities are increasing (e.g. executives and decision-makers face complexity and urgency), especially in uncertain employment contexts.

No. Hours	No. Participants	No. Staff
37	10 students	3 + 2 accompanying

## General information



Where: **western France**. IMT Atlantique is an Elite Graduate Engineering School in France, results from the merging between Mines-Nantes and Télécom Bretagne. It enlarges its scope to encompass Information and Communication Technologies, Energy and Environment.

<https://www.imt-atlantique.fr/en>

- No tuition fees (Co-funded by the Erasmus+ Programme) [www.dahoyproject.eu](http://www.dahoyproject.eu)
- Participants are hosted in the university campus rooms of IMT Atlantique (4 nights, from Monday 4th till Friday 8th), single rooms & beds.
  - Accommodation fees for the 4 nights, breakfast, lunch and dinner are 188 Euros per student (at student own charge but with possible home university support, to check with your local coordinator)
- Shuttle bus are ensured by the organization for all outdoor pedagogical activities, without fees, inc. pick-up at Port de Commerce on Monday morning in your hotel (and drop-off on Friday around Port de Commerce).
  - 1<sup>st</sup> meeting point is on Monday 4<sup>th</sup> March, 9:00, from of IBIS Port hotel lobby (see map)
- All days are 9:00 to 17:00, compulsory, with presence sheets are to be signed

## Application Process

Application processes are different depending on your institution provenance (CoGC, RU, EN), and depending on your situation. Please follow the instructions of your local coordinator:

- To apply to this selective course, **contact asap your local coordinator**:
  - at CoGC: [matthew.stewart@cityofglasgowcollege.ac.uk](mailto:matthew.stewart@cityofglasgowcollege.ac.uk)
  - at Reykjavik University: Þórður Víkingur Friðgeirsson [thordur@ru.is](mailto:thordur@ru.is)

- at Ecole Navale: [sophie.le\\_bris@ecole-navale.fr](mailto:sophie.le_bris@ecole-navale.fr)
- at IMT Atlantique: [nathalie.marschal@imt-atlantique.fr](mailto:nathalie.marschal@imt-atlantique.fr)



You need to get prior approval from your University about this week mobility. After getting this local approval, once selected, your local coordinator will get in touch with us and we will send you the link to upload the pedagogical documents one week ahead (eg an online questionnaire is filled before the course to clarify motivation and profiles, so to grasp qualitative data to be analysed after the course).

#### Additional requirements

- Your home university is to support traveling costs to Brest-Brittany (return ticket), some subsistence costs, maybe some insurance and the DAHoy Wednesday dinner (to check with your local coordinator)
- You must provide to your local coordinator, complete, **before 25<sup>th</sup> January**
  1. 1 page CV
  2. A valid 2019 EHIC Card till end of March (European Health Insurance Card)
  3. A Passport copy (valid till June 2019 at least), with the following elements: first name, surname, date and place of birth, passport number (specifying date, place of issue, expiry) with a copy of the passport (if married, also birth name)
  4. Id photo
  5. A commitment attestation to fill which states you got your own civil risk insurance + application form, both given by your local coordinator
  6. a sanitary repatriation insurance managed by yourself or home institution for March 2019

<b>Compulsory</b>	Yes, all activities	<b>No. of Credits (ECTS or ECVET)</b>	2 ECTS	<b>Level of Study</b>	L3 to M2 or PhD
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#### Prerequisites

- Being a fully enrolled student from CoGC, RU, Ecole Navale, or IMT Atlantique
- Eager to reinforce his/her decision making skills
- Appreciate experiential learning and collaborative learning models
- English-skilled to communicate without effort: B2 in the Common European Framework of Reference for Languages
- Not having strong sea sickness, capability to swim 50 meters
- having in your luggage warm outdoor clothes, waterproof boots for boat activities, outdoor gloves. Brittany is around 5 min to 12 max Celsius degrees in March, often rainy.

#### Learning Objectives

- develop some reflexes and define / apply a procedure to react best during a so-called complex situation (here "man overboard"), formalize rules to improve reliability
- prepare a navigation for a 1-day coastal cruise in Brittany under environmental constraints of weather, weather, currents and tides, while justifying its strengths and minimizing the risks according to the crew and the material failures (improve reliability);
- ... create cohesion using leadership techniques, crisis management and seamanship

#### Specific Objectives related to Decision Making

- ability to integrate knowledge of the situation context & factors
- ability to formulate judgements with incomplete or limited information
- ability to handle the complexity and VUCAity of the situation and during the situation
- ability to manage VUCA activities with new approaches, to create new solutions with available resources
- ability to take responsibility for decision-making, individually and collectively

#### Pedagogical Learning Models & Teachers

- Experiential learning and collaborative learning
- With Serrec, Marschal, Rouvrais, Retif from IMT Atlantique, and Lebris from Ecole Navale

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## Provisional Agenda

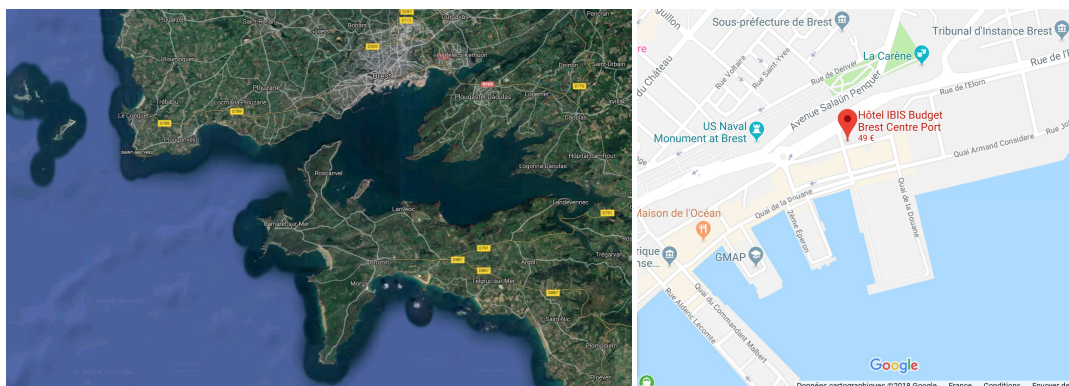
- Arrival in Brest on Sunday 3<sup>rd</sup> March or sooner, hotel & dinner managed with your home institution accompanying (eg ibis budget Brest Centre Port, 31 rue Jean Marie le Bris, 29200, BREST)
- Monday 4<sup>th</sup> at IMT Atlantique
  - 9:00: pick-up at your hotel in Brest Port de Commerce (IBIS Styles Brest Centre Port hotel lobby, 31 rue Jean Marie le Bris, 29200, BREST)
  - 10:00 Welcome by Serrec, bags, rooms, keys, tickets, room D1.228A
  - 11:00 course introduction on Decision Skills and VUCAity (by Rouvrais). Learners are presented the context, the learning outcomes, before introducing themselves and exposing their motivation and conceptions in relation to (sea) risks. Videos of sea rescues are shown, including both inshore and offshore real stories and testimonials, with a focus on hyperthermia factors.
  - 12:30 Lunch at university canteine
  - 13:30: TableTop tactics (Alnasser) and distress material (by Marschal, Retif). The afternoon is dedicated to the usage of safety maritime materials, on a beach (e.g. life raft hitting, distress flare firing, wet suit tests, etc.). room D1.228A
  - Dinner at university canteine
- Tuesday 5<sup>th</sup> at IMT Atlantique
  - Breakfast, Lunch, and dinner at university canteine
  - AM: Weather forecasting and coastal navigation course (by XXX). Basics of coastal navigation tools and electronic support on board, while identifying factors of faults, errors, and failures. A teaching session on local meteorology and forecasts, thermic winds, tides and streams, always with a factors and reliability perspective is proposed. room D1.228A or D3.004
  - PM: Navigation preparation activities (by XXX). Learner groups prepare “on paper” a coastal day navigation for the coming day, with sailing boat, taking into consideration the various risks and factors they identify (i.e. nature, human, resources). room D1.228A
- Wednesday 6<sup>th</sup> in sea environment
  - Breakfast at university canteine, take away lunch
  - AM & PM: Man Over Board experiences (by Marschal, Retif, Lebris & Rouvrais). Resources such as a rubber dinghy, a 10,50 meters-long (35 feet POGO) sailing boat, and an OSCAR mannequin. The tutors observe the exercises, and never took part in decision and action processes. In each experience, some students act as observers and give feedback to practitioners to enhance their reflectivity. All the experiences are video recorded. Feedbacks and video are collectively analysed in the prism of factors and rules, and return on experience is capitalized by the groups. Tutors observe the exercises, and never took part in decision and action processes. In each experience, some students act as observers and give feedback to practitioners to enhance their reflectivity. All the experiences are video recorded. Feedbacks and video are collectively analysed in the prism of factors and rules, and return on experience is capitalized by the groups.
  - 18h30 20h30: reliability rules workshop to face coastal VUCAity (by Lebris). room D1.228A or during diner



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- Thursday 7<sup>th</sup> at IMT Atlantique
  - Breakfast, Lunch at university canteine
  - AM: return on experiences (RoE) and poster preparation for MOB rules and meta-rules. room

### D1.228A

- PM till 16:30: Presentations of reliability posters by student groups & navigation preparation finalisation by teams (with Marschal, Retif, & Rouvrais) **room D1.228A**
- 18:00: pick-up for DAhoy dinner at La Fabrique Capucins (fees not supported by IMT Atlantique) + fisherman songs <https://fabrik1801.bzh/>
- Friday 8<sup>th</sup> in sea environment
  - Breakfast at university canteen, take away lunch
  - AM & PM: your own navigation lag on a sailing boat (by Marschal, Retif & Rouvrais), learners operate their planned navigation in inshore cruising, including reflective debriefings in line with the learning outcomes on decision making skills.
  - 16:30 back to marina for final debriefing, Quality assurance questionnaires to fill
  - Closing at 17:30, final drop-of next to IBIS hotels



### Assessment Process

If you and your team performed on decision skills reinforcement, you may gain: 2 ECTS credits, a Europass CV entry, a Europass mobility certificate + a certificate of attendance & competence on 5 top decision skills.



- The 5 decision skills addressed are proposed in a questionnaire for student self-assessment, before and after the course. This skills are formatively assessed all along the course and experiential sequences;
- The formal and summative student assessment is based on one presentation made by each teams and results from a peer evaluation and a faculty evaluation on same rubric items;



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