



AT THE REQUEST OF THE PERSON CONCERNED AND REFERRING TO THE
ADMINISTRATIVE ACTS OF THIS ORGANISATION

We hereby certify

- that Mr/Mrs **ANDREA MELLACQUA**, born in **BARI (BA)**, on **11/11/1992** , has completed an Erasmus Placement under the E.U. Lifelong Learning Programme, in the field of **Internal combustion engine** with our Organisation in **Universitat Politècnica de València. Camino de Vera, s/n 46022 Valencia (Spain)**;
- that the duration of the training was of **4** months and went from **26/02/2018** until **24/06/2018**.

Date: 22/06/2018

Signature:

J. Javier López
Responsible for internships

Stamp of the Institution:



Trainee	Last name(s)	First name(s)	Date of birth	Nationality ¹	Sex [M/F]	Study cycle ²	Field of education ³
	MELLACQUA	ANDREA	11/11/1992	ITA	M	Master	Mechanical Engineering
Sending Institution	Name	Faculty/ Department	Erasmus code ⁴ (if applicable)	Address	Country	Contact person name ⁵ ; email; phone	
	POLITECNICO DI BARI	DMMM	IBARIO5	Via amendola 126b 70126 bari	ITA	Erasmus Departmental Coordinator : Prof. Cherubini stefania.cherubini@poliba.it	
Receiving Organisation /Enterprise	Name	Department	Address; website	Country	Size Erasmus code ⁶ (if applicable) PIC (if applicable)	Contact person ⁷ name; position; e-mail; phone	Mentor ⁸ name; position; e-mail; phone
	Universitat Politècnica de València	CMT-Motores Térmicos	Camino de Vera, s/n 46022 Valencia	Spain	<input type="checkbox"/> < 250 employees <input checked="" type="checkbox"/> > 250 employees	Ricardo NOVELLA. Researcher. rinoro@mot.upv.es +34963877650	J. Javier LOPEZ. Responsible for internships jolosan3@mot.upv.es +34963877650

Before the mobility

Table A - Traineeship Programme at the Receiving Organisation/Enterprise

Planned period of the mobility: from [month/year] 26/02/2018 to [month/year] 25/05/2018

Traineeship title: Development and assessment of a new ignition system for lean, homogenous charge gasoline engines.	Number of working hours per week: 37
Detailed programme of the traineeship: <ul style="list-style-type: none"> Set up of a CFD model to simulate the engine behaviour with the new ignition system. Comparison with experimental data. Data processing, analysis and synthesis of results. 	
Knowledge, skills and competences to be acquired by the end of the traineeship (expected Learning Outcomes): <ul style="list-style-type: none"> How to handle a CFD code. Programming in Matlab for data processing. Analysis and synthesis skills. 	
Monitoring plan: Weekly meetings to check the work evolution.	
Evaluation plan: Final report of the work performed. Presentation of results in an internal meeting every two months.	
The level of language competence ⁹ in _Spanish_ [indicate here the main language of work] that the trainee already has or agrees to acquire by the start of the mobility period is: A1 <input type="checkbox"/> A2 <input type="checkbox"/> B1 <input type="checkbox"/> B2 <input type="checkbox"/> C1 <input checked="" type="checkbox"/> C2 <input type="checkbox"/> Native speaker <input type="checkbox"/>	

Table B - Sending Institution

Please use only one of the following three boxes:¹⁰

1. The traineeship is **embedded in the curriculum** and upon satisfactory completion of the traineeship, the institution undertakes to:

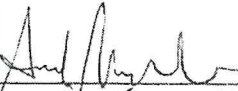
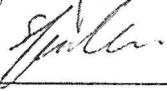
Award ECTS credits (or equivalent) ¹¹	Give a grade based on: Traineeship certificate <input type="checkbox"/> Final report <input type="checkbox"/> Interview <input type="checkbox"/>
Record the traineeship in the trainee's Transcript of Records and Diploma Supplement (or equivalent).	
Record the traineeship in the trainee's Europass Mobility Document: Yes <input type="checkbox"/> No <input type="checkbox"/>	

2. The traineeship is **voluntary** and, upon satisfactory completion of the traineeship, the institution undertakes to:

Award ECTS credits (or equivalent): Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, please indicate the number of credits: 30
Give a grade: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, please indicate if this will be based on: Traineeship certificate <input checked="" type="checkbox"/> Final report <input type="checkbox"/> Interview <input type="checkbox"/>
Record the traineeship in the trainee's Transcript of Records: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Record the traineeship in the trainee's Diploma Supplement (or equivalent).	
Record the traineeship in the trainee's Europass Mobility Document: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

3. The traineeship is carried out by a **recent graduate** and, upon satisfactory completion of the traineeship, the institution undertakes to:

Award ECTS credits (or equivalent): Yes <input type="checkbox"/> No <input type="checkbox"/>	If yes, please indicate the number of credits:
Record the traineeship in the trainee's Europass Mobility Document (<i>highly recommended</i>): Yes <input type="checkbox"/> No <input type="checkbox"/>	

Accident insurance for the trainee					
The Sending Institution will provide an accident insurance to the trainee (if not provided by the Receiving Organisation/Enterprise): Yes <input type="checkbox"/> No <input type="checkbox"/>			The accident insurance covers: - accidents during travels made for work purposes: Yes <input type="checkbox"/> No <input type="checkbox"/> - accidents on the way to work and back from work: Yes <input type="checkbox"/> No <input type="checkbox"/>		
The Sending Institution will provide a liability insurance to the trainee (if not provided by the Receiving Organisation/Enterprise): Yes <input type="checkbox"/> No <input type="checkbox"/>					
Table C - Receiving Organisation/Enterprise					
The Receiving Organisation/Enterprise will provide financial support to the trainee for the traineeship: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				If yes, amount (EUR/month): ...	
The Receiving Organisation/Enterprise will provide a contribution in kind to the trainee for the traineeship: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, please specify: --					
The Receiving Organisation/Enterprise will provide an accident insurance to the trainee (if not provided by the Sending Institution): Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			The accident insurance covers: - accidents during travels made for work purposes: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> - accidents on the way to work and back from work: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
The Receiving Organisation/Enterprise will provide a liability insurance to the trainee (if not provided by the Sending Institution): Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
The Receiving Organisation/Enterprise will provide appropriate support and equipment to the trainee. YES					
Upon completion of the traineeship, the Organisation/Enterprise undertakes to issue a Traineeship Certificate within 5 weeks after the end of the traineeship. OK					
By signing this document, the trainee, the Sending Institution and the Receiving Organisation/Enterprise confirm that they approve the Learning Agreement and that they will comply with all the arrangements agreed by all parties. The trainee and Receiving Organisation/Enterprise will communicate to the Sending Institution any problem or changes regarding the traineeship period. The Sending Institution and the trainee should also commit to what is set out in the Erasmus+ grant agreement. The institution undertakes to respect all the principles of the Erasmus Charter for Higher Education relating to traineeships (or the principles agreed in the partnership agreement for institutions located in Partner Countries).					
Commitment	Name	Email	Position	Date	Signature
Trainee	ANDREA MELLACQUA	andreamellac ava@gmail.c om	Trainee	07/02/2018	
Responsible person ²² at the Sending Institution	STEFANIA CHERUBINI	STEFANIA. CHERUBINI @POLIBT.IT	DEPT. ERASMUS COORDINATOR	7/2/18	
Supervisor ²³ at the Receiving Organisation				07/02/2018	

¹ **Nationality:** Country to which the person belongs administratively and that issues the ID card and/or passport.

² **Study cycle:** Short cycle (EQF level 5) / Bachelor or equivalent first cycle (EQF level 6) / Master or equivalent second cycle (EQF level 7) / Doctorate or equivalent third cycle (EQF level 8).

³ **Field of education:** The [ISCED-F 2013 search tool](http://ec.europa.eu/education/tools/isced-f_en.htm) available at http://ec.europa.eu/education/tools/isced-f_en.htm should be used to find the ISCED 2013 detailed field of education and training that is closest to the subject of the degree to be awarded to the trainee by the sending institution.

⁴ **Erasmus code:** a unique identifier that every higher education institution that has been awarded with the Erasmus Charter for Higher Education (ECHE) receives. It is only applicable to higher education institutions located in Programme Countries.