

Trainee	Last name(s)	First name(s)	Date of birth	Nationality	Sex [M/F]	Study cycle	Field of education
	De Vita	Michele	31/07/1994	Italian	M	EQF Level 7	061
Sending Institution	Name	Faculty/ Department	Erasmus code (if applicable)	Address	Country	Contact person name; email; phone	
	Università degli studi di Firenze	Scuola di Scienze Matematiche Fisiche e Naturali	IFIRENZE01	Viale Morgagni 40	Italy	Prof Dr. Anna Maria Papini annamaria.papini@unifi.it Tel +0554573561 +393478844146 Dr. Giulietta Stefani e-mail: relint@scienze.unifi.it Tel. +39 055-2751349	
Receiving Organisation/Enterprise	Name	Department	Address; website	Country	Size	Contact person name; position; e-mail; phone	Mentor name; position; e-mail; phone
	Technical University of Denmark	Department of Applied Mathematics and Computer Science	https://www.w.dtu.dk	Denmark	<input type="checkbox"/> < 250 employees <input checked="" type="checkbox"/> > 250 employees	Astrid Marie Kargaard Christiansen Erasmus+ Coordinator e-mail: asmae@adm.dtu.dk	Ole Winther Professor MSO, Genomic Bioinformatics olwi@dtu.dk +45 4525 3895

Before the mobility

Table A - Traineeship Programme at the Receiving Organisation/Enterprise

Planned period of the mobility: from [month/year] 09/2020 to [month/year] 02/2021

Traineeship title: Variational AutoEncoder Research

Number of working hours per week: 38

Detailed programme of the traineeship:

The object of the traineeship is Variational AutoEncoder Research, which is a Deep Learning model used to approximate the distribution of the data. Optionally during the project development this Deep Learning model could be combined with Reinforcement Learning, especially with model-free approaches.

Prof Donatella Merlini will be cotutor (Co-relatore) together with Prof. Ole Winther (Relatore) of the Master thesis in Computer Sciences of the student that will be discussed at the University of Florence

Knowledge, skills and competences to be acquired by the end of the traineeship (expected Learning Outcomes):

The trainee student should achieve the following skills:

- good reading comprehension of scientific paper publications in the field of Deep Learning
- write reproducible experiment
- achieve interesting results for the scientific community

Monitoring plan:

The Advancement of the project will be evaluated on a regular basis through weekly reports by the trainee that will be discussed with the mentor to monitor the project progress and to decide about next steps. In addition, the basic research strategy will be critically evaluated and adjusted accordingly once required.

Evaluation plan:

At the end of the training period the trainee will be evaluated according to the results obtained during his traineeship with a particular emphasis on the competences acquired with respect to methods and systems. Important aspects to be taken into account in this respect will be the degree of independence achieved, the degree of integration in the research group and the relationship with colleagues and on his capacity to face and solve research problems and to be proactive in suggesting proposals to be previously approved by the mentor. Especially the ability for creative problem solving will be considered. Finally, the trainee will also present his results within regular seminars. That performance will be assessed for the final evaluation

The level of **language competence** in English [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 ☐ A2 ☐ B1 ☒ B2 ☐ C1 ☐ C2 ☐ Native speaker ☐

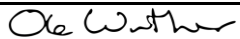
Table B - Sending Institution

Please use only one of the following three boxes:

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

Award ECTS credits (or equivalent) Give a grade based on: Traineeship certificate ☐ Final report ☐ Interview ☐

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: 21 ECTS credits credits sv. lav. tesi and 3 CTS credits codice att. appr. 1 ECTS credits each 25h activity			
Give a grade: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		If yes, please indicate if this will be based on: Traineeship certificate <input checked="" type="checkbox"/> Final report <input checked="" 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 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 checked="" 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 type="checkbox"/> - accidents on the way to work and back from work: Yes <input type="checkbox"/> No <input 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.					
Upon completion of the traineeship, the Organisation/Enterprise undertakes to issue a Traineeship Certificate within 5 weeks after the end of the traineeship.					
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	Michele De Vita	michele.devita@stud.unifi.it	Trainee	15/06/2020	
Responsible person at the Sending Institution	Prof Anna Maria Papini, PhD	annamaria.papini@unifi.it	Delegate of the International Affairs and Erasmus Program of the School of Mathematics, Physics and Natural Sciences of the university of Florence		
Supervisor at the Receiving Organisation	Ole Winther	olwi@dtu.dk	Professor at DTU	15/06/2020	

During the Mobility

Table A2 - Exceptional Changes to the Traineeship Programme at the Receiving Organisation/Enterprise (to be approved by e-mail or signature by the student, the responsible person in the Sending Institution and the responsible person in the Receiving Organisation/Enterprise)	
Planned period of the mobility: from [month/year] till [month/year]	
Traineeship title: ...	Number of working hours per week: ...
Detailed programme of the traineeship period:	
Knowledge, skills and competences to be acquired by the end of the traineeship (expected Learning Outcomes):	
Monitoring plan:	
Evaluation plan:	

After the Mobility

Table D - Traineeship Certificate by the Receiving Organisation/Enterprise	
Name of the trainee:	
Name of the Receiving Organisation/Enterprise:	
Sector of the Receiving Organisation/Enterprise:	
Address of the Receiving Organisation/Enterprise [street, city, country, phone, e-mail address], website:	
Start date and end date of traineeship: from [day/month/year] to [day/month/year]	
Traineeship title:	
Detailed programme of the traineeship period including tasks carried out by the trainee:	
Knowledge, skills (intellectual and practical) and competences acquired (achieved Learning Outcomes):	

Evaluation of the trainee:

Date:

Name and signature of the Supervisor at the Receiving Organisation/Enterprise:

