



Matriculation  
Number 802165

DOC2700608/ISCR\_06E

page 1 of 3

It is hereby certified that AZEGLIO SIMONE, born in Vercelli (VC) - Italy on 26/12/1995, is enrolled for the academic year 2019/2020 at the second year (regularly) of the Second Cycle Degree in PHYSICS OF COMPLEX SYSTEMS - located in TURIN (LM-17 - Physics -) at this University.

The normal course length is two years.

This is also to certify that the student has been enrolled on the 09/11/2018 at the first year of the Second Cycle Degree in PHYSICS OF COMPLEX SYSTEMS(LM-17 - Physics -) at the Università degli Studi di TORINO for the academic year 2018/2019, and has been registered:

Academic Year	Year of Course	Course	University
2018/2019	1° regularly	Second Cycle Degree in PHYSICS OF COMPLEX SYSTEMS	Università degli Studi di TORINO
2019/2020	2° regularly	Second Cycle Degree in PHYSICS OF COMPLEX SYSTEMS	Università degli Studi di TORINO

Moreover, it is hereby certified that the above-mentioned student has attended/ passed the subjects, according to the study plan.

Description Teaching Unit	SSD	TAF	CFU	AA_FREQ	Date	Mark	CONV
STATISTICAL MECHANICS B			6	2018	17/12/2019	30/30	
UD: STATICAL MECHANICS B	FIS/02	B	6				
COMPLEXITY IN SOCIAL SYSTEMS			6	2018	18/09/2019	30/30	
UD: COMPLEXITY IN SOCIAL SYSTEMS	FIS/02	B	6				
ECONOPHYSICS			6	2018	26/06/2019	30/30 L	
UD: ECONOPHYSICS	FIS/02	D	6				
DATA MINING			6	2018	09/04/2019	30/30	
UD: Data mining	INF/01	C	6				
STOCHASTIC PROCESSES FOR PHYSICS			6	2018	09/04/2019	29/30	
UD: STOCHASTIC PROCESSES FOR PHYSICS	FIS/06	B	6				



Matriculation  
Number 802165

DOC2700608/ISCR\_06E

page 2 of 3

Description Teaching Unit	SSD	TAF	CFU	AA_FREQ	Date	Mark	CONV
DYNAMICAL SYSTEMS			6	2018	29/03/2019	30/30	
UD: DYNAMICAL SYSTEMS	FIS/07	B	6				
COMPLEX SYSTEMS IN BIOLOGY			6	2018	08/01/2019	30/30	
UD: COMPLEX SYSTEMS IN BIOLOGY	FIS/02	C	6				
NEURAL NETWORKS			6	2018	10/12/2018	30/30	
UD: NEURAL NETWORKS	FIS/02	B	6				
METHODS FOR OBSERVATION AND MEASUREMENT; ELEMENTS OF NON-LINEAR STATISTICS			6	2018			
UD: METHODS FOR OBSERVATION AND MEASUREMENT; ELEMENTS OF NON-LINEAR STATISTICS	FIS/01	B	6				
NONEQUILIBRIUM STATISTICAL MECHANICS: FOUNDATIONS AND APPLICATIONS			6	2018			
UD: NONEQUILIBRIUM STATISTICAL MECHANICS: FOUNDATIONS AND APPLICATIONS	MAT/07	C	6				
SCIENTIFIC COMMUNICATION			2	2018			
INTRODUCTION TO THESIS ARGUMENTS			22	2019			
UD: INTRODUCTION TO THESIS ARGUMENTS		E	22				
FINAL TEST			24	2019			
UD: FINAL TEST		E	24				
GAMES THEORY AND NETWORKS THEORY			6	2018			
UD: Games theory and Networks Theory	MAT/07	D	6				
NON-LINEAR WAVES AND TURBULENCE			6	2018			
UD: Non-linear waves and Turbulence	FIS/03	B	6				
<b>Total CFUs (ECTS- credits):</b>			<b>120</b>				



Matriculation  
Number 802165

DOC2700608/ISCR\_06E

page 3 of 3

Legend:

RF	Attendance Recognition
RA	Activity Recognition
CF	Confirmed Frequency
CA	Confirmed Activity

Torino, 13/02/2020

Person in charge of Segreteria Studenti

Maria Pina BOMBINO

Certification subject to stamp duty, for legal purposes abroad only.

A handwritten signature in blue ink, appearing to read 'Maria Pina Bombino', written over the printed name.

SERIAL NUMBER 802165

PA Code: 31-0001140937-0002439151

SUBSTITUTE DECLARATION OF CERTIFICATIONS

(DPR 28 DECEMBER 2000, N. 445, ARTICLES 46 AND SEG.)

THE UNDERSIGNED AZEGLIO SIMONE BORN ON 26/12/1995 IN VERCELLI

AMWARE THAT ANYONE ISSUING MISREPRESENTATIONS IS PUNISHED UNDER THE CRIMINAL CODE  
AND OF THE SPECIAL LAWS ON THE MATTER, PURSUANT TO AND FOR THE EFFECTS OF ART. 75 AND 76 DPR 445/2000

DECLARES

TO BE ENROLLED FULL TIME IN PROGRESS IN THE 2 YEAR

STUDY COURSE: MASTER DEGREE COURSE IN PHYSICS OF COMPLEX SYSTEMS

OFFICE: TURIN

OF THE UNIVERSITY OF TURIN FOR THE ACADEMIC YEAR 2019/2020

ALSO DECLARES

WHO WAS ENROLLED ON 09/11/2018 IN THE ACADEMIC YEAR 2018/2019

THAT THE NORMAL DURATION OF THE ABOVE COURSE OF STUDIES IS 2 YEARS

ALSO DECLARES

WHO HAS TODAY PASSED THE FOLLOWING EXAMINATIONS:

TAF

Description and Scientific Disciplinary Sector (SSD)		CFU	Date	Vote	Year	Conv
NEURAL NETWORKS SSD: FIS / 02	B.	6	10/12/2018 30/30		0	
COMPLEX SYSTEMS FOR BIOLOGY SSD: FIS / 02	C.	6	08/01/2019 30/30		0	
DYNAMIC SYSTEMS SSD: FIS / 07	B.	6	29/03/2019 30/30		1	
DATA MINING: STATISTICAL MODELING E AUTOMATIC DATA LEARNING SSD: INF / 01	C.	6	09/04/2019 30/30		0	
STOCHASTIC PROCESSES FOR PHYSICS SSD: FIS / 06	B.	6	09/04/2019 29/30		1	

---

**Page 2**

Description and Scientific Disciplinary Sector (SSD)	TAF	CFU	Date	Vote	Year	Conv
ECONOPHYSICS SSD: FIS / 02	D.	6	26/06/2019 30/30 L		0	
COMPLEXITY IN SOCIAL SYSTEMS SSD: FIS / 02	B.	6	18/09/2019 30/30		0	
STATISTICAL MECHANICS B SSD: FIS / 02	B.	6	17/12/2019 30/30		1	
ELEMENTS OF THEORY OF GAMES AND NETWORKS SSD: MAT / 07	D.	6	07/02/2020 29/30		0	
NON-LINEAR WAVES AND TURBULENCE SSD: FIS / 03	B.	6	15/04/2020 30/30 L		0	
STATISTICAL MECHANICS OF THE IMBALANCE: FOUNDATIONS AND APPLICATIONS SSD: MAT / 07	C.	6	15/07/2020 29/30		0	
LABORATORY OF ADVANCED TECHNIQUES OF MODELIZATION: MAS SSD: FIS / 01	B.	6	07/01/2021 30/30 L		0	
SEMINAR ON SCIENTIFIC COMMUNICATION			02/22/2021 Approved		0	

THESIS PREPARATION  
SSD: PROFIN\_S

IS 22

02/22/2021 Approved

2

Weighted average: 29.75 / 30

Arithmetic mean: 29.75 / 30

Legend:

RF	Recognized Frequency
RA	Recognized Activity
CF	Validated Frequency
CA	Validated Activity

---

## Page 3

TURIN, 11/03/2021

AWARE THAT ANYONE ISSUING MENDACI DECLARATIONS IS PUNISHED UNDER THE CODE  
PENALTY AND SPECIAL LAWS ON THE MATTER, PURSUANT TO AND FOR THE EFFECTS OF ART. 75 AND 76 DPR  
445/2000

Place and date \_\_\_\_\_

ALSO DECLARE TO BE INFORMED, PURSUANT TO AND FOR THE EFFECTS OF ART. 13 OF  
Legislative Decree 196/2003 THAT THE PERSONAL DATA COLLECTED WILL BE TREATED, ALSO WITH INSTRUMENTS  
INFORMATICI, EXCLUSIVELY IN THE SCOPE OF THE PROCEDURE FOR WHICH THIS ISSUE  
DECLARATION IS MADE.

Signature of the declarant (in full and legible)

Exempt from stamp duty pursuant to art. 37 DPR 445/2000