

Curriculum Vitae

Personal information



Name	MOROS Alice
Nationality	Italian
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Education

11/2017 – now	PhD Student at TU Wien – USTEM (university service centre for Transmission Electron Microscopy). PhD main theme: Microstructural Characterization of Superconducting Materials for the CERN Future Circular Collider.
02/2017 – 10/2017	Stage at Zwick Roell Italia S.r.l. (Genova), company which sells material testing machines. Task: support for Technical Sales Engineers.
09/2011 – 10/2017	Several works as hostess: welcome service at Luigi Ferraris Stadium (Genova) for both city teams (collaboration with “ENECO EVENTS” Agency for Sampdoria and SICURART Agency for Genoa), meeting planner during B2B events all over Italy mainly sponsored by EDIMAN and NEBE (Events Planning Agencies of Veneto and Toscana respectively) in collaboration with STUDIO ETRO Agency from Genova.
09/2014 – 01/2017	Master Degree in Materials Science and Engineering Università degli Studi di Genova Subjects like Solid state physics, Solar cells, Nanostructures, Polymers for electronics, Laboratory of Polymers, Composite materials.

Thesis work: **Short and long range structural characterization of $(\text{Ce}_{1-x}\text{Lu}_x)\text{O}_{2-x/2}$ system by X-Ray Absorption Spectroscopy (XAS) and X-Ray Diffraction (XRD).**

Main thesis theme: applications for fuel cells.

Supervisors: prof. Marcella Pani and Dr. Giuliana Aquilanti.

Scientific stage (8 months) carried out both at the Chemistry Department of "Università degli Studi di Genova" (4 months) and at "Elettra" Synchrotron in Trieste (4 months).

Final grade: 110/110 cum laude.

09/2011 – 12/2014

Bachelor's Degree in **Materials Science**

Università degli studi di Genova

Studies in physics, chemistry and basic mathematics.

Subjects like General and inorganic chemistry with laboratory, Inorganic and analytical chemistry, Laboratory of general physics, Laboratory of physics of materials, Science and technology of polymeric materials.

Main thesis theme: Superconductivity.

Thesis work: **Fe(Se,Te) films growth on single-crystal and bi-crystal substrates.**

Supervisors: prof. Marina Putti and Dr. Emilio Bellingeri.

Final grade: 110/110.

09/2006 – 06/2011

Upper Secondary School (Scientific Diploma).

Studies in subjects including Italian, English and Latin language and literature, History, Philosophy, with a focus on Mathematics, Chemistry and Physics.

Final grade: 92/100.

Languages

Italian Mother language

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
good	good	good	good	good

German

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
good	good	good	good	good
Zertifikat Deutsch B1 (Goethe Institut - Genova) accomplished in 2009 (current level: B2)				

Scientific knowledge

Good knowledge in the following fields:

Solid State Physics

Physical chemistry

Electron Microscopy

Relevant exams: Physical chemistry (1, 2, 3), Laboratory of general physics, Solid State Physics (1 & 2), Fundamentals of Electron Microscopy, Electron Microscopy techniques.

Computer skills

General:

MS Word, MS Power Point.

Data analysis:

MSEXcel, Origin, Sigmaplot, Athena and Artemis for XAS (X-rays Absorption Spectroscopy) measurements, FullProf for XRD measurements, TEAM for EDX (energy dispersive X-ray)/EBSD (electron backscatter measurements, Digital Micrograph for TEM (transmission electron microscopy) data analysis.

Private interest

Before moving in Vienna, I belonged to a little theatre company in Genova and we were used to play comedies once per year. I really enjoy running; I do it almost every day and I've begun to participate in marathons. I do love music and I like matching diverse genres to my different moods. Rap and Rock often represent the way I feel. I'm interested in trying food coming from every existent culture and. I do love travelling and deepening my stock of knowledge by directly being in contact with these various cultures.

29/08/2017

