

Curriculum Vitae Europass



Personal Information

First name(s)/ Surname(s) **Tommaso Morresi**
E-mail morresi@ectstar.eu
Nationality Italian
Date of birth 16.11.1986
Gender male

Education and training

Dates	November 2015 – Present
Title of qualification awarded	Ph.D. (Dottorato di ricerca) Civil, Ambiental and Mechanical Engineering
Principal subjects / occupational skills covered	Ab-initio calculation of electronic properties of Carbon-based and 2D materials
Name and type of organization providing education and training	University of Trento – Fondazione Bruno Kessler (ECT*), Trento
Dates	February 2013 – February 2015
Title of qualification awarded	M. Sc. (Laurea, summa cum laude)
Principal subjects / occupational skills covered	Theoretical Physics Title of the thesis: “ <i>Theoretical interpretation of the ^{138}La beta-decay spectrum</i> ”
Name and type of organization providing education and training	University of Camerino, Italy
Dates	October 2009 – February 2013
Title of qualification awarded	Bachelor Degree
Principal subjects / occupational skills covered	Theoretical Physics Title of the thesis: “ <i>Study of the fission yield in a nuclear reactor</i> ”
Name and type of organization providing education and training	University of Camerino, Italy
Dates	October 2005 – February 2009
Title of qualification awarded	Bachelor Degree
Principal subjects / occupational skills covered	Behavioural and social relation science Title of the thesis: “ <i>Paths towards autonomy: Down Syndrome</i> ”
Name and type of organization providing education and training	University of Bologna, Italy

Personal skills and competencesMother tongue(s) **Italian**

Other language(s)

Self-assessment

European level ()***English**

Understanding		Speaking		Writing
Listening	Reading	Spoken Interaction	Spoken Production	
B2	B2	B2	B2	B2

(*) [Common European Framework of Reference for Languages](#)

Technical skills and competences

The Master thesis was focused on the theoretical interpretation of beta-decay spectra in cerium activated lanthanum bromide crystals. We developed a new method based on a relativistic multichannel scattering approach to investigate the low-energy range of the beta-emission. By obtaining this degree, I gained fundamental understanding in complex concepts in physics theories, in their development from classical to modern physics and ability to problem solving.

Computer skills and competences

- C, Fortran
- Wolfram Mathematica, Matlab
- Microsoft Windows
- Linux (Ubuntu, Debian)
- Safari, Google Chrome, Mozilla Firefox
- Microsoft Office tools (Word, Excel, Power Point)
- Gnuplot
- Latex

Driving license

Category B

Additional informationMain scientific interest:

Ab-initio calculation of electronic and mechanical properties of Carbon-based and related materials