

PERSONAL INFORMATION**Alessandro Resmini**

📍 Via Damiano Chiesa 13, CAP 24043, Caravaggio, Italy

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✉ resminiale@gmail.com

💬 Skype nickname "resminis"

Sex Male | **Date of birth** 27/10/1985 | **Nationality** Italian | **Marital status** Single

WORK EXPERIENCE

Nov 1st, 2011– Oct 2014
(expected)

PhD in Chemistry (Materials)

University of Pavia, Dept. of Chemistry, Pavia, 27100, Italy

Activity: Synthesis and characterization of ceramics and metal oxides thin films through solution deposition methods, soft-lithography and hydrothermal processes for electro-chemical and electro-optical applications.

Occasional job

Private teacher of Physics and Chemistry to university and high school students

Activity: Synthesis and characterization of nanostructured metal oxides for electro-chemical and electro-optical applications

Summer job

Pizzamaker

Pizzeria "Gambero d'Oro", Caravaggio, 24043, Italy

Technical field assistance to farmers growing vegetables, cereals, flowers

COOPACO s.r.l. Treviglio, 24047, Italy

Laborer

Mombrini s.r.l, Caravaggio, 24043, Italy

EDUCATION AND TRAINING

Nov 1st, 2011– Oct 2014
(expected)

PhD in Chemistry (Materials)

University of Pavia, Dept. of Chemistry, Pavia, 27100, Italy

Activity: Synthesis and characterization of ceramics and metal oxides thin films through solution deposition methods, soft-lithography and hydrothermal processes for electro-chemical and electro-optical applications.

Sept 30th, 2011

Master's degree in Chemistry

University of Pavia, Dept. of Chemistry, Pavia, 27100, Italy

Maximum level (110/110 cum laude)

Dissertation title: "Development of a new approach towards the synthesis of bi-dimensional patterns of ZnO nanostructures"

Dec 17th, 2009

Bachelor's degree in Chemistry

University of Pavia, Dept. of Chemistry, Pavia, 27100, Italy

Dissertation title: Titanium dioxide as photo-catalyst for hydrogen production via water splitting

Oct 1st, 2004– July, 2006

Sciences and Technologies for the Environment

University of Milan Bicocca, Dept. of DISAT, Milan, 20126, Italy

Sept, 1999– July 29th, 2004

High School Diploma in Agriculture

Technical Institute of Agriculture "G. Cantoni", Treviglio, 24047, Italy

Maximum level (100/100)

Curriculum "Cerere"

PERSONAL SKILLS

Mother tongue Italian**Other languages**

English Good spoken and written

French Basic

Spanish Basic

Communication skills Good communication skills acquired thank to summers jobs, Scout experiences and plenty of PhD seminars, monthly research group's briefings and tutoring experiences for students.**Social skills and experiences** Scout from eight to twenty years old
Scout Leader from January 2008 to September 2013**Job related skills and competences** Good experience with FEG-Scanning Electron Microscope (Mira3 Tescan XMU)**Computer skills** Excellent knowledge of Microsoft Windows environments
Good knowledge of MAC OSX
Good knowledge of MS Office Suite, ImageJ (image processing software), Fityk (non-linear fitting software), software for scientific data analysis (SigmaPlot, Deltagraph)
Very good experience at dealing with computer hardware**ADDITIONAL INFORMATION**

Publications and Congresses I.G. Tredici et al. / Thin Solid Films / 526 (2012) 22–27
I.G. Tredici et al. / Thin Solid Films / 542 (2013) 52–59
I.G. Tredici et al. / J. Phys. Chem. C / 117 (2013) 25108–25117
Poster titled "A novel approach to the synthesis of metal oxides nanostructures through metal-loaded hydrogels" / National Congress of Physical Chemistry 2013, Alessandria, Italy**PhD supervisor** Prof. U. Anselmi-Tamburini, Dept. of Chemistry, University of Pavia, Italy
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