

LUCA VISENTIN



Senior Lab Research Scientist at Reckitt



M.Sc. Industrial Chemistry



11/08/1996 (25 years old)



Treviso (IT) – Heidelberg (DE)



Italian



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LANGUAGES



Italian: Native



English: B2



Spanish: B1



German: A2

Certificate

DRIVING LICENSE

• B

EDUCATION

1- MASTER'S DEGREE IN INDUSTRIAL CHEMISTRY

- University of Padova (Padua, IT), 2018-2020
- *Final Rating:* 110/110 Cum Laude
- Qualification Exam for the Profession of Chemist in Italy, Rating: 50/50, 2021.
(*Esame di Stato abilitante all'esercizio della Professione di Chimico in Italia*)

Diploma Supplement

Transcript of Records

Qualification Exam

2- BACHELOR'S DEGREE IN INDUSTRIAL CHEMISTRY

- University of Padova (Padua, IT), 2015-2018
- *Final Rating:* 110/110 Cum Laude

Diploma Supplement

Transcript of Records

3- HIGH SCHOOL DIPLOMA IN CHEMISTRY AND MATERIALS

- ITIS Enrico Fermi (Treviso, IT), 2010-2015
- *Final Rating:* 100/100

Diploma Certificate

WORK EXPERIENCES

1- SENIOR LAB RESEARCH SCIENTIST

Polymer Science - Development of new detergent formulations for dishwasher (Finish Brand) - Scale up of the process from lab to pilot plant and factory.



2- MASTER'S THESIS INTERNSHIP

Two-dimensional zeolites as model systems for surface science investigations. The aim was to study the nature of the active sites in copper-exchanged zeolites for the selective oxidation of methane to methanol and hydrogen using water. Project in collaboration between: University of Padova, Paul Scherrer Institut, ETH Zurich.

Surfactant synthesis, zeolite synthesis, exfoliation, Langmuir-Blodgett film, XRD, SAXS, NMR, XPS, AFM, ICP, Raman, SEM, TEM.

Supervisors: Prof. Gaetano Granozzi, Prof. Stefano Agnoli, Prof. Jeroen van Bokhoven, Prof. Andrea Sartorel, Dr. Luca Artiglia



Reckitt Benckiser Global R&D GmbH

- Heidelberg, Germany
- Mar 2021 – Present (> 1 year)
- Full time

University of Padova

- Padua, Italy
- Nov 2019 - Oct 2020 (1 year)
- Internship

Thesis Presentation

BASF Construction Additives GmbH

- Trostberg, Germany
- Aug 2018 - Sep 2018 (2 months)
- Internship

Erasmus+ Reference 

BASF Construction Chemicals Italia Spa

- Treviso, Italy
- Jul 2017 - Sep 2017 (3 months)
- Internship

Internship Certificate 

Società Agricola Crestani srl

- San Polo di Piave, Italy
- Aug 2016 (1 month)
- Seasonal

BASF Construction Chemicals Italia Spa

- Treviso, Italy
- Apr 2015 (1 month)
- Collaboration

University of Padova

- Padua, Italy
- Jun 2014 - Jul 2014 (2 months)
- Internship

Enopiave srl

- Vazzola, Italy
- Jun 2013 (1 month)
- Internship

VOLUNTEER EXPERIENCE:

- Blood donor at AVIS



HOBBIES AND INTERESTS:

- Building FPV drones
- Electronic/Arduino projects
- Homebrewing

3- RESEARCH AND DEVELOPMENT CHEMIST (ERASMUS+ TRAINEESHIP)

Performance evaluation of several superplasticizers (mainly polycarboxylates ethers) - Relationship between molecular design of polycarboxylates ethers and fluidity of mortars - Interactions occurring between polycarboxylates ethers and cement, and polycarboxylates ethers and microsilica, mechanical proprieties (flexural and compressive strength, shrinkage).

Supervisors: Dr. Joachim Riedmiller, Silvia Püchner



4- BACHELOR'S THESIS INTERNSHIP

Application of surfactants in the production of dry-cast concrete elements (MCP) - Characterization of surfactants by FT-IR and HPLC-ELSD - Evaluation of the increasing compaction of the manufactured, related to the chemistry and HLB of the surfactants (PEM, ICTester), mechanical proprieties (flexural and compressive strength).

Supervisors: Prof. Fernando Formaggio, Dr. Roberta Magarotto, Dr. Gaetano Guarino, Enrico Nascimben, Gianmarco Guerra



5- WINEMAKER

Wort and wine treatments (flocculation, discoloration, and fermentation).

Supervisors: Dr. Pier Giuseppe Crestani, Gianluca Crestani



6- SCIENTIFIC COLLABORATOR

Validation of a new analytical method to determine the clay amount in concrete's sands - UV-Vis spectroscopy and titrations.

Supervisors: Dr. Alessandro Dalla Libera, Enrico Nascimben



7- RESEARCH AND DEVELOPMENT CHEMIST

Lignin depolymerization by Vanadium catalysts, to produce chemicals - Kinetic studies of the mechanism through spectroscopy (HPLC/MS, HPLC/UV-Vis and NMR).

Supervisors: Prof. Giulia Licini, Dr. Emanuele Amadio




8- ANALYTICAL CHEMIST

Wort and wine analysis (titrations, UV-Vis spectroscopy, HPLC and GC).

Supervisors: Dr. Luigi Cigaia



INFORMATIC SKILLS

- European Computer Driving License  **ECDL Certificate**
- Microsoft Office (Advanced level)
- Chemistry: ChemBio Draw (Advanced level), ChemsSketch (Advanced level), MestreNova (Advanced level)
- Data Analysis: OriginLab (Advanced level), SciDAVis (Advanced level)
- Engineering: PRO/II Process Simulation (basic Level), Autocad (basic Level)

PRIZES AND AWARDS

- Selected for BASF DAYS Construction Chemicals in Ludwigshafen, Germany, 2017

[Certificate](#) 

CHEMISTRY COMPETITIONS:

- 14th at the National Chemistry Competition “Giochi della Chimica 2015”
- 1st at the Regional Chemistry Competition “Giochi della Chimica 2015”
- Participation at the selection of the Italian delegation for the International Chemistry Olympiads 2014
- 12th at the National Chemistry Competition “Giochi della Chimica 2014”
- 1st at the Regional Chemistry Competition “Giochi della Chimica 2014”
- 5th at the National Chemical Competition XIII 2014
- 8th at the Regional Chemistry Competition “Giochi della Chimica 2013”

[Certificates 2015](#) 

[Certificates 2014](#) 

[Certificates 2013](#) 

SCHOLARSHIPS:

- Mille e una lode 2018/2019
- Erasmus+ for Traineeship 2017/2018
- Scientific Degree Incentives 2017/2018
- Scientific Degree Incentives 2016/2017
- Mille e una lode 2016/2017

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