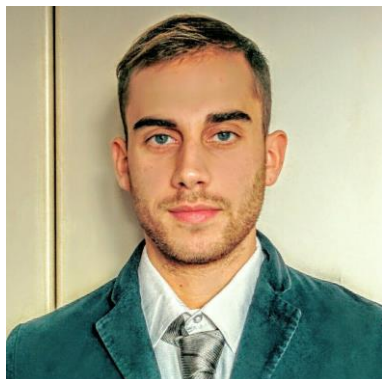


PERSONAL INFORMATION

Samuele Giovanardi



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 samuele.giovanardi@gmail.com

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Sex: Male | Date of birth 09/04/1990 | Nationality: Italian

POSITION APPLIED FOR

Internship at OPCW

GENERAL EXPERIENCE WORKING

April-September 2010

Sea-Lifeguard (Rimini, Italy)

April-September 2011

Sea-Lifeguard (Rimini, Italy)

March-June 2013

Internship at C.S.A s.p.a Environmental Study and Research Centre (Via al Torrente n.22, Rimini, Italy).
Analytical and technical activities: Environmental chemical sample preparation and analysis.

November 2014-March 2016

Internship at Industrial chemistry research laboratories (Viale Risorgimento n.4 Bologna, Italy).
Hydrogen production throughout methane oxy-reforming, sequential water-gas shift and simultaneous separation with palladium ceramic membranes and Rh-Pt catalysts

EDUCATION AND TRAINING

EURO BACHELOR DEGREE IN SCIENCE - INDUSTRIAL CHEMISTRY University of Bologna, Via Zamboni 33 (Bo) Italy.
(Italian degree class L-27) Chemistry and technologies for the environment, curriculum: Environment, Energy, Wastes.

EURO MASTER DEGREE IN SCIENCE – INDUSTRIAL CHEMISTRY University of Bologna, Via Zamboni 33 (Bo) Italy.
(Italian degree class LM-71) Industrial Chemistry.

Attending: **INTERNATIONAL SECOND LEVEL MASTER in Protection against CBRNe events** (Chemical, Biological, Radiological, Nuclear and Explosives). University of Rome Tor Vergata, Viale del Politecnico 1 (Rm) Italy.

PERSONAL SKILLS

Mother tongue(s)

Italian

English Level

Cambridge: FCE certificate B2++

British Council: IELTS 6.5

Communication skills

Optimal mental and social/relationship openness and good communication skills, acquired from numerous international journey in several European countries, during the university study period:

(A few of them are) Bruxelles, Innsbruck, Munich, Dresden, Ratisbon, Norimberg, Bamberg, Koln, Achen, Berlin, Gallway, Cork, Dublin, London, Lisbon, Kerkira, Oberammergau (NATO School Biological weapons course).

Organisational / managerial skills

Very good organisation skills acquired during my first internship, related to quality-check and samples preparation/ analysis.

Analysis techniques used: gas and liquid chromatography, gravimetry, colorimetry.

Very good self-control and problem solving skills acquired during my second internship, in which I have assembled a laboratory plant for hydrogen production, made several typologies of catalysts, tested the entire system, developed a new innovative catalyst formulation and studied the interaction of the whole reaction (Oxy-reforming, Water-gas shift with the new catalyst) inside a thin film palladium-membrane on ceramic support, (created for the simultaneous hydrogen production and separation).

Instrumentation used: TPR-TPO (Thermal Programmed Reduction/Oxidation), Mass spectrometry, Scanning Electron Microscopy (SEM and TEM), XRD (x-ray diffraction over powders), NMR (Nuclear magnetic resonance).

Job-related skills

Very good crisis management skills acquired while studying and working as a sea-lifeguard;

Very Good at working with Windows Office software, ability acquired during the thesis period at University of Bologna (Word, Excel, Power-point);

Good command of video editing software gained as an amateur-journalist assistant (Final cut pro software)

Other skills

(Average) skills as bricklayer, tiler, plumber and electrician, acquired while working with my father as a house restorer.

licences

Driving licence B-Category, Life-guard licence, BLS (basic life support) licence.

Thesis works

Thesis 1: Confrontation between two different methods for the revelation and analysis of exavalent chromium in water, using liquid chromatography.

Thesis 2: Developing of an innovative process for the simultaneous production and separation of ultra-pure hydrogen, throughout Oxy-reforming, Water-gas shift and ceramic supported thick film Palladium membranes.