

PERSONAL INFORMATION

Massimo Di Pietro



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Sex Male | Date of birth 22/02/1986 | Nationality Italy

WORK EXPERIENCE

- 01/04/2017 – present

What: Researcher
Where: ITAB (Institute of advanced biomedical techniques) – University of Chieti (G. D'Annunzio)
Job: PhD in Neuroscience and Imaging
Unit: Department of Neuroscience and Imaging
- 22/08/2016 – 22/01/2017

What: Junior Project Engineer
Where: Siderpiombino S.p.A.
Job: Design engineer in mechanical, civil and nuclear industries
Unit: Engineering department and reserch
- 01/02/2016 – 31/07/2016

What: Researcher
Where: University of Pisa, department of civil and industrial engineering
<http://www.ing.unipi.it> (for information about my work c.ciolini@ing.unipi.it)
Job: Researcher in the field of decommissioning of nuclear power plants
Unit: DIC1 – University of Pisa - Nuclear Engineering
- 15/09/2014 – 15/03/2015

What: Dissertation Internship
Where: Sogin: Società Gestione Impianti Nucleari – Sito nucleare di Trino Vercellese
<http://www.sogin.it> (for information about my work gameri@sogin.it)
Job: Task manager's assistant in the primary circuit (Eugenio Garneri), his assistant (Sergio Pistelli) and his collaborators in nuclear decommissioning in Trino Vercellese
Unit: Operating Unit Task Manager Primary Circuit
- 02/11/2011 – 01/12/2012

What: Internship (*Decreto Legislativo 17 marzo 1995 n. 230*)
Where: Azienda Ospedaliera Pisana (*University Hospital in Pisa*)
 67, Via Roma 56125 Pisa Italy
<http://www.ao-pisa.toscana.it> (for information about my work c.traino@ao-pisa.toscana.it)
Job: Assistant to the Head Physician (Dottor Claudio Traino) and his collaborators in Radiation Protection used in Diagnostic and Interventional Radiology, Nuclear Medicine, and Radiotherapy
Unit: Operating unit of physical health
- 01/09/2010 – 28/02/2011

What: Dissertation Internship
Where: Centro Interforze Studi Applicazioni Militari (*Interforce Center for Studies in Military Applications*)
 Via della Bigattiera 50010 San Piero a Grado Pisa
<http://www.marina.difesa.it/conosciamoci/scientifici/cisam/Pagine/default.aspx>
Job: Assistant to the Head of Environmental Protection and Nuclear Physics (Dottor Armando Benedetti)
Unit: Defence Ministry

EDUCATION AND TRAINING

- 08/03/2011 – 27/04/2015

Laurea Magistrale in Ingegneria Nucleare
 Università di Pisa, Pisa, Italy
<http://www.unipi.it>
 (principal subjects covered) Nuclear Constructions, Nuclear Measurements, Nuclear Reactors Physics, Structural Mechanics, Medical Uses of Radiation, Nuclear Power Plants I & II, Nuclear Materials, Nuclear Fusion Engineering and Design, Thermal-Hydraulic and Core Engineering, Nuclear Power Plant Control and Dynamics, Analysis of NPP Accident Safety and Security, Numerical Modeling for NPP

01/09/2006 – 07/03/2011

Laurea in Ingegneria della Sicurezza Industriale e Nucleare – Curriculum Meccanico Nucleare e delle Radiazioni
 Università di Pisa, Pisa, Italy
<http://www.unipi.it>

(principal subjects) Quality Management, Mechanics of Solids, Theory of Structures, Nuclear Technology and Applications, Thermodynamics, Nuclear Physics, Radioprotection, Chemistry and Physical Metallurgy, Evaluation of Environmental Impact, Thermal Hydraulics, Nuclear and Energy Systems, Rational Mechanics, Applied Mechanics, Safety and Security, Electrical Systems, Mechanical Design (including Computer-Aided Design), Mechanical Technology, Principles of Chemical Engineering

PUBBLICATIONS

M. Di Pietro, S. Pistelli, E. Gamberi, R. Lo Frano, R. Ciolini – *Handling and conditioning techniques of activated chips for the decommissioning of the E. Fermi nuclear power plant* - Proceedings of the 24th International Conference on Nuclear Engineering, ICON24, June 26-30, 2016, Charlotte, North Carolina, USA – being published.

PERSONAL SKILLS

Mother tongue
 Other languages

Italian
 English: PET level (Cambridge Institute)
 B1 level in Understanding (Listening and Reading), Speaking (Spoken interaction and production), and Writing

Communication skills

Excellent communication skills, refined through my experience as Gospel Choir Director and Conductor of a Baroque Orchestra

Organisational skills / managerial skills

Leadership
 Gospel Choir Director http://www.voicesofheaven.it/it_IT/chi-siamo/
 Excellent organizational skills. Organizer of the Pisa Gospel Festival from 2009 to 2013.
 Classical Choir Director and Conductor
 Organizational commitment
 Commitment to job completion
 Commitment to comprehensive vision

Job - related skills

I have deepened my understanding of neutron detection, radon detection, radon detection technology in water and air and industrial use of particle accelerators in the workplace following a workshop at A.I.R.P.
<http://www.airp-asso.it>
 Excellent skills for teamwork, as shown by my work in nuclear decommissioning in Trino Vercellese
 I have deepened my understanding of Generation IV nuclear reactors by following a workshop at ENEA
<http://www.enea.it>
 I have deepened my understanding of Generation IV nuclear reactors by following a workshop at University of Pisa organized by European Communion – Summer School ESNII+
<http://www.ing.unipi.it>

Computer skills

Good command of Microsoft Office™ tools, MATLAB, OneSpace Designer (CAD), Rad Pro Calculator, AutoCAD, Solid Edge, MSC@MARC (basic level), ANSYS workbench Mechanic Structural and Fluent (basic level), Python Software (basic level)

Other skills

Shotokan Karate Blue Belt
 I earned two academic degrees in music, one awarded by a conservatory, the other by the FENIARCO
<http://en.feniarco.it>
 First level Sommelier course FISAR <http://www.fisar.org>

Driving license

B

ADDITIONAL INFORMATION

Presentations

I gave a talk about the energy supply problem in a school and public conference.
 Attendance to the ICON24 International Conference as lecturer presenting the work "*handling and conditioning techniques of activated chips for the decommissioning of the E. Fermi nuclear power plant*"

Honours and Awards

2012 Nux Award - *Premio NUX alla Cultura* (Milano Book Fair) for the Gospel Choir "Voices of Heaven"
http://www.voicesofheaven.it/it_IT/http://www.voicesofheaven.it/event/milano-book-fair/

Dati personali

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".