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Giulio Maestrini

PERSONAL DATA

born: January 28, 1989 in Florence, Italy. Italian citizen

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EDUCATION

Dec 2016 PMI Certified Associate in Project Management (CAPM)

Mar 2016 - Oct 2016 Project Management Course - PQE, Rome

Jul 2014 Master of Science in Physics, University of Parma and European Laboratory for Non-Linear Spectroscopy, final grade 110/110 *cum laude*

THESIS: *Application of hypericin-apomyoglobin complexes to STED super-resolution microscopy*

Apr 2012 Bachelor's Degree in Physics and Astrophysics, University of Florence, final grade 109/110

THESIS: *Dielectric spectroscopy of ionic solutions*

PUBLICATIONS

Delcanale; Pennacchietti; Maestrini *et al.* - Subdiffraction localization of a nanostructured photosensitizer in bacterial cells - *Sci. Rep.* **5**, 15564; doi: [10.1038/srep15564](https://doi.org/10.1038/srep15564) (2015)

JOB EXPERIENCE

Jan 2018 - present Senior Consultant at [C&P Engineering S.r.l.](#) - Florence

Sep 2014 - Jan 2018 Consultant at [Pharma Quality Europe S.r.l.](#) - Florence

LANGUAGES

Italian (native), English (fluent)

¹I hereby authorize the processing of the personal data contained in this CV in compliance with the Italian Personal Data Protection Code (Legislative Decree no. 196 of 30 June 2003)

TECHNICAL AND SOFTWARE SKILLS

Laboratory techniques: Analog and digital electronics, optics, steady-state and time resolved optical spectroscopy, dielectric spectroscopy

Computer Programming: C, Python

Operating Systems: GNU/Linux, Microsoft Windows, Mac OS-X

Typesetting: L^AT_EX

Productivity: Microsoft Office package and similar productivity packages

Mathematical software and data analysis: MATLAB/GNU Octave, Python (PyLab), Mathematica, gnuplot, ROOT, Origin

PROFESSIONAL EXPERTISE

Computer Systems life cycle and Validation in regulated environments:

- Creation of validation templates and system specific deliverables (validation plans, URS, design specifications, test protocols and reports)
- Planning and execution of testing activities for laboratory and production GxP systems
- Management of periodic reviews, retirement and data migration activities; CAPA
- Tailored and low burden validation solutions for small or weakly-regulated companies (e.g. ISO13485)

Data Integrity compliance:

- Conduction of data integrity audits and inspection readiness projects
- 21 CFR Part 11 / EU GMP Annex 11 gap analysis and remediation support
- Historic data integrity verification and audit trail review techniques
- User training on the regulatory framework

Regulated IT systems and IT Project Management:

- Support to software life-cycle in supplier assessment, software selection, validation and decommissioning
- IT quality system and IT infrastructure qualification
- XaaS in regulated environments: assessment and validation of cloud-based services