

VINCENZO FERME

ABOUT ME

Birth: **Castellammare di Stabia (NA), 26th February 1987**

Nationality: **Italian, Swiss**

Domicile: **Via Mentana 13, 22100 Como (CO)**

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Google Scholar: <https://scholar.google.com/citations?user=ju3e7M0AAAAJ>

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EDUCATION

- April 2014 – Present
Ph.D. Student at Software Institute, Università della Svizzera Italiana (USI)
Project: BenchFlow - A Benchmark for Workflow Management Systems. The goal of the BenchFlow project is to design the first benchmark for assessing and comparing the performance of workflow management systems.
Advisor: Prof. Cesare Pautasso.
- September 2010 – September 2013
Master Degree in Informatics with specialisation in **Design and Development of Software Systems**, at University Milano-Bicocca – Dipartimento di Informatica Sistemistica e Comunicazione (DISCo), Milan.
Experimental thesis in *Quality and Evolution of Software Systems*. Title: “*JCodeOdor: A Software Quality Advisor Through Design Flaws Detection*”.
Graduation mark: **110/110 summa cum laude.**
- September 2006 – October 2010
Bachelor Degree in Informatics, at University Federico II - Facoltà di Scienze Matematiche, Fisiche e Naturali (MM. FF. NN.), Naples.
Experimental thesis in *Natural Language Processing*. Title: “*Algoritmi di decodifica per modelli del linguaggio nel riconoscimento del parlato*”.
Graduation mark: **110/110 summa cum laude.**
- September 2001 – July 2006
High School Diploma of Scientific Lyceum, at Liceo Scientifico Galileo Galilei, Potenza.

WORK EXPERIENCE

- September 2018 – Present
Kiratech S.p.A. - Paradiso (Lugano)
Cloud and DevOps Expert: supporting companies in designing and implementing their digital business transformation journey.

- February 2018 – July 2018
Reliable Software Systems Group, University of Stuttgart
Institutional Responsibilities: Visiting Researcher.
Employed by University of Stuttgart and awarded of the Swiss National Science Foundation Doc.Mobility grant number 178653 for the project I submitted concerning: “Declarative Continuous Performance Testing for Microservices in DevOps”.
- April 2014 – January 2018
Software Institute, Università della Svizzera Italiana (USI)
Institutional Responsibilities: Researcher, Teaching Assistant
- June 2013 – March 2014
Connexun S.r.l. at University Milano-Bicocca
Software Engineer and Java Developer: implementation of a software system that allows discovering Point Of Interest (POI) from web resources, and identifies POIs relevant to cross-cultural communities, through data analysis and semantic techniques.
Team: five people.
Supervisors: Prof. Carlo Batini, Prof. Matteo Palmonari.

AWARDED RESEARCH PROJECTS

Swiss National Science Foundation

Awarded of the Swiss National Science Foundation Doc.Mobility grant number 178653 for the project I submitted concerning: “Declarative Continuous Performance Testing for Microservices in DevOps”.

SUPERVISION OF STUDENTS (MASTER THESIS)

Jesper Findahl (06.09.2017)

Automating Goal-Driven Performance Tests in BenchFlow

Simone D'Avico (09.09.2016)

The BenchFlow Framework for Automated Performance Experiments Execution on Heterogeneous Middleware Systems

Gabriele Cerfoglio (09.09.2016)

The BenchFlow Framework for Flexible Performance Data Collection and Analysis

Marco Argenti (11.09.2015)

Performance Measurement of Heterogeneous Workflow Engines

Ana Ivanchikj (05.09.2014)

Characterising Representative Models for BPMN 2.0 Workflow Engine Performance Evaluation

TEACHING ASSISTANT

Web Atelier (Bachelor, 3rd semester, 9 ECTS)

2014, 2015, 2016, 2017

BPM³ (Master, 2nd semester, 3 ECTS)

2016, 2017

HCI Atelier (Bachelor, 2nd semester, 6 ECTS)

2015

SCIENTIFIC PAPERS REVIEWS

EASE 2014, WeTSOM 2014, IEEE Transactions on Services Computing, BPM-WS 2015, IEEE Cloud Computing, Software Engineering Journal

ACADEMIC SERVICE

Program Committee: PEaCE 2016, MTD 2017, ICPE 2018 - Artefact Evaluation Track, ZEUS 2018, MaLTeSQuE 2018

ACTIVE MEMBERSHIP

Docker Inc. - Docker Campus Ambassador
SPEC RG DevOps - Member and Release Manager
IEEE, ACM - Student Member

CERTIFICATIONS

Docker Inc. - Docker Certified Associate

LANGUAGE SKILLS

Italian: Mother tongue.

English: Fluent level of understanding, writing and speaking.

IT SKILLS

Operating Systems

Daily use of: Mac OS X, Ubuntu (Linux).

Good knowledge of: Windows Xp, Windows Vista, Windows 7, Windows 8.

Computer languages

Excellent knowledge of: UML, BPMN, Java, SQL, SPARQL, RDF, JavaScript, AJAX, HTML, HTML5, XHTML, XML, CSS;

Good knowledge of: Go, R, php, asp, c++, c, java EE, DOS, Matlab, MPI, PL/SQL, posix thread, linux socket, RESTful Web Services, awk, shell scripting, OWL, CMS Wordpress, HTML 5, Lucene.

Software

Excellent knowledge of: Docker (Docker Campus Ambassador since July 2017), Faban, Eclipse, IntelliJ IDEA, GitHub, MySQL, Microsoft Office (ECDL certification awarded in 2006);

Good knowledge of: R, IBM SPSS, DELL CMC, DELL iDRAC, JMeter, Apache Spark, Apache Cassandra, Apache Kafka, PostgreSQL, Node.JS, Express.JS, SVN, Git, Maven.

HOBBIES

Ski, Mountain Bike, Down Hill, Swimming, Basket, Reading.