

European curriculum vitae

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name	CACCIARI, MATTEO
E-mail	matteo.cacciari@unibo.it
Nationality	Italian
Date of birth	15/03/1984

WORK EXPERIENCE

- Dates (from – to) 03/2017
- Name and address of employer Futura Soc. Cons. r. l. (C.F./P.IVA 01748791207)
- Type of business or sector IFTS course: Technician on design and programming of industrial automation systems (Advanced Technical Education and Training)
- Occupation or position held Casual work contract as Teacher of a course module
- Main activities and responsibilities 20 hours module on Electric drives and industrial automation control systems

- Dates (from – to) 06/2015 – 04/2016
- Name and address of employer Alma Mater Studiorum University of Bologna
- Type of business or sector DEI – Electrical, Electronic and information Engineering Department “Guglielmo Marconi”
- Occupation or position held Adjunct collaborator/employee at University of Bologna for a consultancy contract commissioned by ESAutomation s.r.l
- Main activities and responsibilities Implementation of the hydraulic model of a press-brakes machine and development of the control algorithm based on singular perturbation theory

- Dates (from – to) Oct-Dec 2016; Oct-Dec 2015; Oct-Dec 2014; Mar-Jun 2014; Mar-Jun 2013
- Name and address of employer Alma Mater Studiorum University of Bologna
- Type of business or sector DEI – Electrical, Electronic and information Engineering Department “Guglielmo Marconi”
- Occupation or position held Teaching Contract at the University of Bologna
- Main activities and responsibilities 30 hours module on “Control Systems Technologies” course (IEC 61131-3 languages, CoDeSys programming, Introduction to the main sensors used in Automation, sizing of the acquisition chain for converting analog inputs to digital, type selection and sizing of electric drives.

- Dates (from – to) from 10/2013
- Name and address of employer Alma Mater Studiorum University of Bologna
- Type of business or sector DEI – Electrical, Electronic and information Engineering Department “Guglielmo Marconi”
- Occupation or position held Technician in the Automation and Robotics Laboratory (LAR)
- Main activities and responsibilities Management of the lab, assistance to researchers and P.h.D students

- Dates (from – to) 05/2012
- Name and address of employer Alma Mater Studiorum University of Bologna
- Type of business or sector DICAM – Civil, Chemical, Environmental and materials Engineering Department
- Occupation or position held Contract work
- Main activities and responsibilities Development of the control for tensile tests using B&R Automation Studio

EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organisation providing education and training
- Title of qualification awarded

01/2010 – 04/2013
Alma Mater Studiorum University of Bologna
Doctor (PhD) in Automatic Control System and Operational Research

- Dates (from – to)
- Name and type of organisation providing education and training
- Title of qualification awarded

05/2009
Alma Mater Studiorum University of Bologna
Professional Engineering Qualification (Government exam)

- Dates (from – to)
- Name and type of organisation providing education and training
- Title of qualification awarded
- Level in national classification

10/2006 – 03/2009
Alma Mater Studiorum University of Bologna
Master Degree in Automation Engineering
110/110 cum laude

- Dates (from – to)
- Name and type of organisation providing education and training
- Title of qualification awarded
- Level in national classification

09/2003 – 10/2006
University of Bologna
Bachelor Degree in Automation Engineering
110/110 cum laude

- Dates (from – to)
- Name and type of organisation providing education and training
- Title of qualification awarded
- Level in national classification

09/1998 – 07/2003
Liceo Scientifico (High School with a Concentration in Science and Math) “N. Copernico” specializing in Math and Computer Science
Diploma
100/100

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

ENGLISH (B2)

GOOD
GOOD
GOOD

ADDITIONAL INFORMATION

PUBLICATIONS:

- C. BONIVENTO, M. SARTINI, A. PAOLI AND M. CACCIARI, MATHEMATICAL MODELING FOR SOFTWARE-IN-THE-LOOP PROTOTYPING OF AUTOMATED MANUFACTURING SYSTEMS, MME, 2010.
- C. BONIVENTO, M. CACCIARI, A. PAOLI AND M. SARTINI, RAPID PROTOTYPING OF AUTOMATED MANUFACTURING SYSTEMS BY SOFTWARE-IN-THE-LOOP SIMULATION, CCDC, 2011.
- A. BARTOLINI, M. CACCIARI, A. TILLI, L. BENINI AND M. GRIES, A VIRTUAL PLATFORM ENVIRONMENT FOR EXPLORING POWER, THERMAL AND RELIABILITY MANAGEMENT CONTROL STRATEGIES IN HIGH-PERFORMANCE MULTICORES, GLSVLSI, 2010.

- A. BARTOLINI, M. CACCIARI, A. TILLI, L. BENINI, A DISTRIBUTED AND SELF-CALIBRATING MODEL-PREDICTIVE CONTROLLER FOR ENERGY AND THERMAL MANAGEMENT OF HIGH-PERFORMANCE MULTICORES, IN PROCEEDING DATE 2011, MAY 2011.
- A. BARTOLINI, M. SADRI, F. BENEVENTI, M. CACCIARI, A. TILLI AND L. BENINI, A SYSTEM LEVEL APPROACH TO MULTI-CORE THERMAL SENSORS CALIBRATION, PATMOS, 2011.
- A. BARTOLINI, M. S. SADRI, F. BENEVENTI, M. CACCIARI, A. TILLI, L. BENINI, SCC THERMAL SENSOR CHARACTERIZATION AND CALIBRATION, MARC3 SYMPOSIUM 2011.
- A. TILLI, E. GARONE, M. CACCIARI, A. BARTOLINI THERMAL MODELS CHARACTERIZATION FOR RELIABLE TEMPERATURE CAPPING AND PERFORMANCE OPTIMIZATION IN MULTIPROCESSOR SYSTEMS ON CHIP, ACC, JUNE 2012
- A. BARTOLINI, M. CACCIARI, A. TILLI, AND L. BENINI, THERMAL AND ENERGY MANAGEMENT OF HIGH-PERFORMANCE MULTICORES: DISTRIBUTED AND SELF-CALIBRATING MODEL-PREDICTIVE CONTROLLER, IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS, 28 MARCH 2012.
- A. TILLI, A. BARTOLINI, M. CACCIARI AND L. BENINI, DON'T BURN YOUR MOBILE! SAFE COMPUTATIONAL RE-SPRINTING VIA MODEL PREDICTIVE CONTROL, CODE ISSS 2012.
- A. BARTOLINI, M. CACCIARI, C. CAVAZZONI, G. TECCHIOLLI, L. BENINI, *UNVEILING EURORA – THERMAL AND POWER CHARACTERIZATION OF THE MOST ENERGY-EFFICIENT SUPERCOMPUTER IN THE WORLD*, DATE 2014, DRESDEN, GERMANY.

Updated on: Dec 2017

According to the law 675/96 I authorize the use of my personal data for the purposes of selection and communication

Matteo Cacciari