

Massimo Orazio Spata short CV:

I graduated in 1998 in Computer Science, and received my PhD degree in Computer Science from Dipartimento di Matematica ed Informatica in 2008. I joined STMicroelectronics Catania in 1999 as CAD Engineer.

Since January 2003 I joined the IMS CAD and Design Services Department. In November 2009 I joined Technical Staff Engineer

Group and R&D group. Author of publications and papers for journal and international conferences concerning the above fields.

Since 2017 I'm a high school teacher and I worked on robotics with Arduino, ST Nucleo boards, Raspberry pi boards and sensor devices.

Since 2022 I'm a researcher RTDa for University of Catania, Dipartimento di Matematica Informatica and I'm working on Artificial Intelligence and Deep Learning models for STMicroelectronics.

Technical Know How:

Expertise in Algorithms and Image Data Analysis

Expertise in programming language especially Java

Expertise in Game Theory applied to scheduling problems

Expertise in distributed software systems as for example Mobile Agent System

Expertise in Parallel and Distributed Systems

Expertise in teaching/coaching activity regarding the above items.

Projects:

ERG: Energy for a green society: from sustainable harvesting to smart distribution. Equipments, materials, design solutions and their applications. June 2011/2015 - WP4 leader.

E2SG: Energy to Smart Grid - June 2012/2015.

ADNA PCR Project: developed software for biomolecular qPCR Image data analysis - 2012/2016.

HIPPOCRATES: Developed Micro and Nano-Tecnology and Advanced System for human health - January 2012/2016.

PLAST_ICsII: Electronics on Plastics for 'Smart Disposable Systems 2013.