

PERSONAL INFORMATION Sergio Di Martino, Dr. Prof.

WORKING EXPERIENCE

10/2015 →

Associate Professor in Computer Science

University of Naples "Federico II", Italy

- Research Fields: Software Engineering; Data Science, Multi-dimensional Big Data
- Co-Chair of the Laboratory of Knowledge Management and Engineering
- Teaching duties: Software Engineering; Introduction to Programming; Advanced Database Systems
- National Qualification for Full Professor, in Computer Science

Business or sector Academia

01/2013 -02/2015

Researcher (from 10/2013 →Project Leader)

Volkswagen A.G., Wolfsburg, DE

- Leader of the Team "Mobility&Navigation" within the Dept. of Driver Information Systems
- VW Manager of the European Project "COMPANION" (<http://www.companion-project.eu/>)

Business or sector Automotive11/2007 – 12/2012
03/2015 – 09/2015**Assistant Professor**

University of Naples "Federico II", Italy

- Teaching duties: Software Engineering I; Software Engineering II; Advanced Database Systems.
- Research Fields: Software Engineering; Location-Based Services
- Co-Chair of the Laboratory of Knowledge Management and Engineering

Business or sector Academia

03/2002 – 11/2010

Scientific Consultant

University of Salerno (Italy) – Pomigliano d'Arco City Hall

- Scientific Consultant in the definition and management of Public Data Centers.

Business or sector Academia

11/2001 – 12/2011

Consultant for IT Professionals

Fiat Research Center, Italy – Pomigliano d'Arco City Hall – Campania Region Employees

- Consultant in many IT contexts, for government and business companies.
- Topics: Software Project Management, Database Design

Business or sector Business, Government.

EDUCATION AND TRAINING

11/2001 - 10/2004

PhD in Computer Science

ISCED 6

University of Salerno, Italy

- PhD in co-tutorship with Fiat Research Center.
- Dissertation Title: *Multimodal Automotive Telematics Systems: Design and Evaluation*

09/1994 - 10/2001

Laurea Degree in Computer Science (with Honours)

ISCED 5B

University of Salerno, Italy. Specialization in Software Engineering

PERSONAL SKILLS

Mother tongue Other language(s)	Italian				
	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	C1
German	B2	B2	B2	B2	B1
Spanish	B1	C1	A2	A2	A2

Communication skills Strong Communication and Social Skills.
Effective in public presentations and teaching:

- More than 60 presentations given at highly ranked scientific and/or press events.
- Evaluations of the teaching skills from the students are among the highest in the Faculty

Organisational / managerial skills

- More than 10 years of experience in directing research projects.
- Team Leader of a group of 5 VW researchers and many external consultants (from 09/2013)
- SCRUM master of a development team in VW Research (from 02/2012 to 08/2013)
- Advanced experience in (public) fund raising for project financing
- Experience as Project Evaluator for the Italian Ministry for the Research
- Co-Chair of a research lab at University of Naples with about 20 people (MSc and PhD students, consultants)
- General Chair of many Conferences and Symposia

Job-related skills

- Advanced expertise in:
 - Mobility, Telematics, Intelligent Transportation Systems
 - Software Engineering (Modelling with UML, Software Design, Software Architectures);
 - Software Project Management (Agile Methodologies)
 - Data Mining and Knowledge Discovery, also for spatial data;
 - (Geo)Databases (RDBMS, semi-structured, ORDBMS);

ADDITIONAL INFORMATION

- Co-author of more than 110 research papers appeared in international journals and conferences (see: <http://scholar.google.it/citations?user=Hs3pqBcAAAAJ>).
- Co-inventor of 5 international industrial patents in the field of Intelligent Transportation Systems