europass Curriculum Vitae

Informazioni personali/
Personal Information

Nome e Cognome / Name and Surname   *Barbara Martini*

Genere / Gender   Femmina

Esperienze professionali/
Work Experiences

01/01/2018 - CNIT, Pisa, Italy

Position: Head of Research ?coordinating activities in the area of network softwarization for emerging applications (e.g., logistics, e-health) leveraging virtualization and 5G ?managing joint research activities and software developments with universities and corporate research centers worldwide in funded projects or job orders ?fundraising activities targeting both public and private funding instruments (H2020 EU programs, Italian Minister for Research programs) ?technology transferability actions to increase the impact of research by exploiting the developed technology into new products, processes, applications or services   ?dissemination of research outcomes by delivering oral presentations (also as invited speakers) at top-notch conferences, publishing in high-ranked journals, contributing as expert to panel discussions ?contribution to the scientific community as member/chair of conference organizing commettee, editorial board of journals, reviewer of scientific papers.

01/01/2009 - 31/12/2017CNIT, Pisa, Italy

Position: Senior Researcher ?coordinatin research and development activities in Next Generation Internet and contributing to projects with industry or university worldwide to improve the performance of networks for the benefit of applications ?prototyping of control systems for self-configuration, adaptation and automation of the network for reliable and on-demand connectivity ?managing fundraising activities with both public and private funding instruments, primarily H2020 EU and Italian Minister for Research programs ?pubblication of scientific articles in high-ranked journals and attending international conferences with presentation of research results and demos, speaking on invitation and organization of workshops

01/05/2003 - 31/12/2009CNIT, Pisa, Italy

Position: Researcher ?managing research activities in Network Generation Internet: network protocols for the generalized control of optical and IP/MPLS transport networks; high-performance management systems for reconfigurable transport network; and service platforms for application-oriented transport networks ?prototyping of service platforms for optical and IP/MPLS transport networks aiming at on-demand delivery of connectivity services to applications (e.g., video delivery platforms), and dynamic and generalized configuration of network protocols and connections (e.g., routing) ?worked closely with the flag-ship industry in Europe in job orders and in research projects funded by the Ministry of Research and the European Community

01/06/2001 - 30/04/2003Marconi Communications (now Ericsson), Pisa, Italy

Position: Software Architect and Product Integrator ?selected member of a pool of engineers to start up a Laboratory of Excellence designed to collaborate with innovation-oriented Research

Institutes in high-capacity fiber optical networks (Sant'Anna School of Advanced Studies, CNIT, Consorzio Pisa Ricerche) ? software development of new features for remote management (e.g., traffic parameter configuration) and of testing tools (e.g., performance monitoring, alarms correlation) for "SmartPhotonix" Marconi network equipment ?installation of an optical network testbed infrastructure for the development and validation of products before their deployment and operation in the production optical networks.

07/08/2000 - 31/05/2001 Marconi Communications (now Ericsson), Genova, Italy
Position: Software Design and Development Engineer ? design and development of network protocols and management software for optical DWDM equipment used in the high-capacity transport networks of main worldwide telecom operators

09/09/1999 - 04/08/2000 Italtel, Milan, Italy
Position: Firmware Engineer ?firmware design and development of newly developed Ethernet network cards used in telephone switching network nodes deployed in fields

01/05/2003 - Scuola Superiore Sant'Anna, Pisa, Italy
Position: Adjunct Professor and Research Affiliate

15/09/2010 - 30/09/2020 University of Pisa, Pisa, Italy
Adjunt Professor

20/09/2018 - 30/04/2019 EIT - European Institute of Innovation and Technology, Budapest, Hungary
Position: Indipendent Expert ?evaluation of Added-Value Research and Innovation activities submitted to the EIT Business Plan 2019 as part of the Business Plan 2019 portfolio of research, innovation management and education activity proposals in the area of Digital Infrastructure.

01/04/2015 - 30/09/2017 European Commission, Bruxelles, Belgium
Position: Indipendent Expert

Istruzione e formazione/ Education and Training

05/11/1990 - 15/04/1999 Master Degree in Electronic Engineering - University of Florence, Italy

Competenze personali/ Personal Skills

Lingua madre / Mother tongue italiano

Altre lingue / Other languages ***** Livello / Level *****

inglese C1 - Avanzato

*Autovalutazione / Self-assessment: Quadro Comune Europeo di Riferimento delle Lingue /
Common European Framework of Reference for Languages

**Altre competenze/
Other Skills**

Altre competenze / Other skills

Patente di guida / Driving licence

**Ulteriori informazioni/
Additional Information**

Sito personale / Personal web pageshttps://www.linkedin.com/in/barbara-martini-246b15/

Ulteriori Informazioni / Additional Info