Enrico Vicario
University of Florence
Curriculum Vitae - October'19

Enrico Vicario is a Full Professor of Computer Science and Engineering, and Head of the Department of Information Engineering of the University of Florence since November 2016 (https://stlab.dinfo.unifi.it/vicario/)

He was born in 1965, he is married, with two children born in 1989.
He received the Master Degree in Electronics Engineering (cum laude) in 1990 and the Ph.D. in Informatics and Telecommunications Engineering from the University of Florence in 1994.
From 1994 to 1998 he was an Assistant Professor at the Engineering School of the University of Florence. From 1998 to 2002, he was Associate Professor of Information Engineering, first at the University of Ancona, and then at the University of Florence.
He is a Full Professor since 2002.
He was a member of the Academic Senate of the University of Florence (Nov.2012-Nov.2016), and vice-President of the national scientific association GII (Scientific society of Italian Professors of Computer Science and Engineering - http://www.gii.it/) (Sept.2013-Sept.2017).

He works in the area of Software Engineering, at the at the Software Technologies Lab of the University of Florence (http://stlab.dinfo.unifi.it/), with a present scientific focus on:
- model based development, verification, and evaluation of concurrent systems with uncertain temporal parameters and stochastic durations
- software architectures and software engineering methods, with a specific focus on healthcare information systems.

Before year 2000, he mainly worked on
- visual formalisms and matching algorithms for search by visual similarity in image archives.

He is author of more than 120 papers indexed on Scopus (including 20 works appeared in Transactions of the IEEE), with more than 1200 citations and total H-Index 16.
He was the National Scientific Coordinator of the project Wireless Sensor Networks for Dependable Monitoring of Critical Applications (WiSeDeMon) funded by the Italian Ministry of University and Research in the PRIN 2007 Programme. He was responsible for several projects for technology transfer in the area and was scientific responsible for the research activity on "Design and Verification Methods for Concurrent Real Time SW" of the SW Initiative of FinMeccanica Group.
He is the chair of the steering committee of QEST conference (www.qest.org) and member of the steering committee of DCIT conference, and was member of the Program Committee of various conferences, including FORMATS, QEST, ValueTools, EPEW, ECRTS, ATPN, InfQ. He was the general chair of QEST'14 and EPEW'14, and chair of the organizing committee of FORMATS'14 and FMICS'14.

He presently teaches "Software Engineering" (undergraduate), "Software Architectures and Methodologies" (master), and a module in "Software Engineering for embedded systems" (master). In the past he also taught "Verification and Testing Methods", "Foundations of Computer Programming", "Internet SW Technologies", "Computer Architectures", "Operating Systems", "Usability Engineering". He is

Enrico Vicario
Full Professor, Head of Department
Department of Information Engineering, Università di Firenze
3, via santa Marta, 50139, Firenze, Italy
+390554796526, +393294309919
enrico.vicario@unifi.it, stlab.dinfo.unifi.it/vicario

UNIVERSITÀ
DEGLI STUDI
FIRENZE

DINFO
DIPARTIMENTO DI
INGEGNERIA
DELL'INFORMAZIONE

the author of the monographic book "Fondamenti di Programmazione: linguaggio c, strutture dati e algoritmi elementari, c++".
He is a faculty member of the PhD program in Smart Computing, jointly delivered by the Universities of Florence, Pisa, and Siena, with the participation of ISTI CNR in Pisa and Fondazione Bruno Kessler in Trento, with the support of the Tuscany Region Pegaso Programme (http://smartcomputing.unifi.it/).

The technological activity addresses SW engineering methods and architectures, with major interests in OO analysis, design, and testing, enterprise architectures, application interoperability (cooperazione applicativa), healthcare information systems.
On these subjects he has been scientific responsible for a number of contracts with local and national enterprises and administrations. He served for several years as a member of the eToscana Commitee and was scientific responsible for the certification of compliance of cooperation components in the Tuscany e-government infrastructure. He was a member of the testing committee of the Italian National eGovernment Interoperability Framework (SICA) at the Italian National Center for IT in the Public Administration (CNIPA). He has been scientific responsible of the competence center on Information systems in healthcare working with the University Hospital of Careggi (AOUC) in the years 2008-2011, then with the central Tuscany healthcare system (ESTAV-Centro) in the years 2011-2013, and now with the Institute for Oncological Studies and Prevention (ISPO - http://www.cspo.it/) of the Tuscany Region.
He was scientific responsible for the UniFi Unit in the following projects funded by the Tuscany Regional government: RACE: on ICT tools supporting compliance in evidence based Cardiology (years 2016-2018 - FESR Program); Geniale: on the development of an electrometrical system for biological analyses (years 2017-2018 - FESR Program); LINFA: on prediction and optimization methods for smart replenishment of drugs stocks in hospital units (years 2016-2018 - PAR-FAS program); He is presently scientific responsible for the UNIFI Unit in the project JARVIS: on Just-in-time Artificial Intelligence for the eValuation of Industrial Signals (years 2017-2019 - FESR Program).

He is Inventor of the World Patent "Job scheduler for electromechanical system for biological analysis", developed in a collaboration with BioMérieux Italia spa.
He is co-founder and scientific director of Jaewa, a spin-off of the University of Florence started in the year 2013.

Florence, October 22, 2019
Faithfully,
Enrico Vicario

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base art. 13 del D. Lgs. 196/2003.

Enrico Vicario
Full Professor, Head of Department
Department of Information Engineering, Università di Firenze
3, via santa Marta, 50139, Firenze, Italy
+390554796526, +393294309919
enrico.vicario@unifi.it, stlab.dinfo.unifi.it/vicario