



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s)

**Domenico CONFORTI**

Address(es)

Telephone(s)

E-mail

Nationality

Date of birth

Gender

Mobile:

Male

### Occupational field

**Academic Higher Education and Research – Full Professor of Operations Research and Management Science (ssd MAT/09), University of Calabria, Dept of Mechanical, Energy, Management Engineering (DIMEG)**

### Work experience

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

Type of business or sector

Dates

Occupation or position held

Main activities and responsibilities

Name and address of employer

**January 2016 – Current Position**

**Full Professor MAT/09 – Operations Research**

Research and teaching activities in the field of Optimization, Operations Research and Management Science, Planning and Management of Healthcare Services, Machine Learning and Data Analysis in Medicine and Healthcare

**University of Calabria**, DIMEG, Ponte Pietro Bucci, Rende (Cosenza), Italy

Academic

**September 2001 – December 2015**

**Associate Professor MAT/09 – Operations Research**

Research and teaching activities in the field of Optimization, Operations Research and Management Science, Planning and Management of Healthcare Services, Decision Support Systems in Medicine

**University of Calabria**, Faculty of Engineering and DIMEG, Ponte Pietro Bucci, Rende (Cosenza), Italy

Academic

**November 2004 – October 2012**

**Adjunct Professor MAT/09 – Operations Research**

Research and teaching activities in the field of Applications of Operations Research and Management Science to Planning and Management of Healthcare Services, Decision Support Systems in Medicine

**University “Magna Graecia” of Catanzaro**, Faculty of Medicine, Viale Europa, Catanzaro, Italy

Academic

**November 1995 – October 1998**

**Adjunct Professor MAT/09 – Operations Research**

Teaching activities in the field of Optimization, Operations Research and Management Science

**University of Salento**, Faculty of Engineering, Via Monteroni, Lecce, Italy

Type of business or sector | Academic

Dates | **January 1993 – December 1993**

Occupation or position held | **Visiting Researcher**

Main activities and responsibilities | Research activities in the field of Parallel Algorithms for Large Scale Optimization problems

Name and address of employer | **CENTER FOR THE MATHEMATICAL SCIENCES, UNIVERSITY OF WISCONSIN, Madison (USA)**

Type of business or sector | Research

Dates | **February 1992 – August 2001**

Occupation or position held | **Assistant Professor MAT/09 – Operations Research**

Main activities and responsibilities | Research and teaching activities in the field of Optimization, Operations Research and Management Science

Name and address of employer | **University of Calabria, Faculty of Engineering, Ponte Pietro Bucci, Rende (Cosenza), Italy**

Type of business or sector | Academic

Dates | **November 1988 – October 1991**

Occupation or position held | **Adjunct Professor MAT/09 – Operations Research**

Main activities and responsibilities | Research and teaching activities in the field of Optimization, Operations Research and Management Science

Name and address of employer | **University of Calabria, Ponte Pietro Bucci, Rende (Cosenza), Italy**

Type of business or sector | Academic

Dates | **January 1988 – April 1988**

Occupation or position held | **Visiting Researcher**

Main activities and responsibilities | Research activities in the field of Parallel Algorithms for Large Scale Optimization problems

Name and address of employer | **EUROPEAN CENTER FOR SCIENTIFIC AND ENGINEERING COMPUTING, IBM, Roma (Italy)**

Type of business or sector | Research

### Education and training

Dates | November 1978 – October 1985

Title of qualification awarded | “Laurea” Degree in Industrial Engineering

Name and type of organisation providing education and training | University of Calabria, Faculty of Engineering, Ponte Pietro Bucci, Rende (Cosenza), Italy

Mother tongue(s) | **Italian**

Other language(s) | **English**

Self-assessment  
*European level*  
**Language**

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C1	C2	C1	C1	C1	

### Research interests and competences

- Quantitative Models, Methods and Algorithms for Decision Making Problems
- Optimization Models and Methods for Planning and Management of Healthcare Delivery
- Machine Learning and Data Analysis for Clinical Decision Making Problems
- Algorithms for Nonlinear Programming Problems

## National and International Research Projects

### National Projects

- "SI.FI.PA.CRO.DE. – Development of innovative drugs for personalize molecular therapy" (Italian Ministry of University and Research, Grant ARS01\_00568 – CUP B29C20000360005, 2021-2023) – Scientific Responsible of Work Package 6 Technical platform of Bio-Pharma-Computational services.
- "ADIUVANT - ADvanced Ict cloUd based and Virtualized plATform for iNTEgrated and Personalized Medicine" (Italian Ministry of Economic Development, Grant F/080033/01/X35, 2019-2023) - Scientific Responsible of the Project.
- "NET4HEALTH - NETwork for HEALTH management" (Italian Ministry of Economic Development, Grant F/050383/01/X32, 2017-2021) - Scientific Responsible of the Project.
- "ALCMEONE – Integrated Clinical Planning and Management of Cephalalgic Patients: Innovative Architectural Organization and Advanced Technological Platform of Services for supporting the integration of Patient-Centered Healthcare Pathways" (Italian Ministry of Economic Development, Grant F/050502/01/X32, 2018-2021) - Scientific Responsible of the Project.
- "HEARTNETICS – Advanced Analytics for Heart Diseases Management" (European Funding, Calabria Region, Italy, Grant J58C17000150006, 2018-2020) - Scientific Responsible of the Project.
- "OuTRIGHT: OperaTions Research for Improving inteGrated HealThcare" (Italian Ministry of University and Research PRIN 2015. Approved, Not Funded) - Scientific Responsible and Project Coordinator.
- "NEUROMEASURES - Development of innovative processes and supporting services for early diagnosis of motor, behavioural and memory disfunctions in patients affected by Parkinson disease and Alzheimer disease" (Italian Ministry of University and Research, Grant PON03\_PE\_00009\_1, 2013-2016) - Scientific Responsible of Research Unit.
- "HEARTDRIVE - Effective and Efficient Services for the Integrated Clinical Management of Heart Failure and its Comorbidities" (Calabria Region, Italy, European Funds for Regional Development, Grant J54E07000180005, 2014-2015) - Scientific Responsible of the Project.
- "NEUROSTAR – Neuroscience and Systems, Technologies and Advanced procedures for early Diagnosis/Prognosis and functional Recuperation/Compensation of disabilities in subjects with severe acquired brain damage" (Italian Ministry of University and Research, Grant PON01\_01180, 2011-2015) - Scientific Responsible of Research Unit.
- "HEALTHSOAF - A framework of Service Oriented Architecture for Health Care Delivery" (Italian Ministry of University and Research, Grant PON01\_02934, 2011-2015) - Scientific Responsible of Research Unit.
- "Statistical Methods and Machine Learning Techniques for Multilocus Analysis of Frailty Data"(Italian Ministry of University and Research PRIN 2007-08. Approved, Not Funded) - Scientific Responsible of Research Unit.
- "MIMERICA - Intelligent Environments and Decision Support Systems for the Clinical Management and Rehabilitation of patients affected by Traumatic Brain Injury" (Italian Ministry of University and Research, Grant MIUR-6653, 2004-2007) - project manager of Research Unit.
- "Peer-To-Peer Models and Technologies for supporting Distributed Health Care Systems and Services" (Calabria Region, Italy, European Funds for Regional Development, 2004-2005) - project manager of Research Unit.

### European Projects

- "I-MANAGE: IMPROVING PATIENT SELF-MANAGEMENT OF HEALTH AND DISEASE IN SYSTEMIC AUTOIMMUNE DISEASES: THE CHALLENGE OF SYSTEMIC LUPUS ERYTHEMATOSUS" (European Commission HORIZON 2020, PHC-28-2015, Proposal 690113. Approved Score 14/15, Not Funded) - Scientific Responsible of Research Unit.
- "BUTTERFLY: MOBILE SOLUTIONS FOR PATIENT ENPOWERMENT IN THE MANAGEMENT OF SYSTEMIC LUPUS ERYTHEMATOSUS" (European Commission HORIZON 2020, PHC-26-2014, Proposal 653878. Approved Score 13/15, Not Funded) - Scientific Responsible of Research Unit.
- "SKIPPER: SERVICES AND KNOWLEDGE BASED INFRASTRUCTURE FOR DEFINING AND SUPPORTING NEW INTEGRATED, PERSONALIZED AND EFFICIENT CARE PATHWAYS IN COPD AND ITS COMORBIDITIES" (European Commission FP7, ICT-10-5.1, Proposal 611331, 2010. Approved Score 11/15, Not Funded) - Scientific Responsible of Research Unit.
- "HEARTFAID: A KNOWLEDGE BASED PLATFORM OF SERVICES FOR SUPPORTING MEDICAL-CLINICAL MANAGEMENT OF HEART FAILURE WITHIN ELDERLY POPULATION" (European Commission FP6, ICT for Health, Grant 027107, 2006-2009) - Scientific Responsible and Project Coordinator.
- "High Performance Computing for Finance" (European Commission FP4, INCO, Grant IP951139, 1996-1999) - member and project manager of Research Unit.
- "EUROMED: web-based standards for Telemedicine Applications" (European Commission IS-ISIS '95, 1995-1998) - member and project manager of Research Unit.

## Scientific and Technical Experiences

- "Molecular Dynamics Simulation of Complex Molecular Systems on Massively Distributed Memory Computers" (European Commission FP3, HCM, Grant CHRX930092, 1993-1996) - member and project manager of Research Unit.
- Peer review of several scientific journals in Operations Research, Healthcare Management, Applied Mathematics in Biomedical and Clinical Research and Life Sciences.
- Scientific and Technical Expert of EU Commission, Horizon 2020 and Horizon Europe Programs.
- Scientific and Technical Evaluator for the Calabria, Campania and Marche Regional Governments (Italy).
- Member of the Academic Board of the PhD in "Operations Research", DEIS, University of Calabria, from 1999/2000 to 2012/2013.
- Member of the Academic Board of the PhD in "Life Science and Technology", DIBEST, University of Calabria, from 2013/2014.
- From January 2019 is Expert appointed by ANVUR for the accreditation of new programmes and periodic assessment of accredited Universities and their programmes.
- During 2019 member of the Committee of Experts appointed by ANVUR for the accreditation of 5 new programmes.
- During 2020 member of the Committee of Experts appointed by ANVUR for the periodic assessment of "Università degli Studi di Roma3".

## Bibliometrics (Jan 2022)

- SCOPUS - Author ID 35616314600 - Documents: 80, Citations: 1169, h-index: 18
- ISI Web of Science - Researcher ID: D-2734-2011 - Documents: 82, Citations: 858, h-index: 16
- Google Scholar - Documents: 114, Citations: 1947, h-Index: 23

## Teaching Activities

- From November 1988: University of Calabria (Italy), Faculty of Engineering, courses of: Operations Research, Optimization Theory and Algorithms, Models and Methods for Healthcare Services Planning and Management, Models and Methods for Healthcare Decision Support Services, Calculus.
- From November 2004 to October 2012: University "Magna Graecia", Catanzaro (Italy), Faculty of Medicine, courses of: Applications of Operations Research for Planning and Management of Healthcare Services, Medical Decision Support Systems.
- From November 1995 to October 1998: University of Salento (Italy), Faculty of Engineering, course of Operations Research.

## Academic Services

- From November 2017 is President of the Quality Assurance Committee ("Presidio della Qualità di Ateneo") of University of Calabria.
- From November 2013 to October 2015 member of the Joint Teacher-Student Committee – CPDS of DIMEG, University of Calabria.
- From March 2009 to October 2012 member elected of Research Committee of Engineering Faculty of University of Calabria.
- From June 2001 to July 2004 member of the Self-assessment, Evaluation and Accreditation Committee of Engineering Faculty of University of Calabria.
- From May 1997 to June 2002 member of the Joint Teacher-Student Committee – CPDS of Engineering Faculty of University of Calabria.
- Member of the Committee for the National Scientific Habilitation 2021-2023 (Scientific Field 01/A6 – Operations Research), appointed by Italian Ministry of University and Research for the evaluation of the applications for permanent positions of Full and Associate Professor in Italian University.

## Publications

- [Scopus](http://www.scopus.com/authid/detail.url?authorId=35616314600) - <http://www.scopus.com/authid/detail.url?authorId=35616314600>
- [ISI](http://www.researcherid.com/rid/D-2734-2011) - <http://www.researcherid.com/rid/D-2734-2011>
- [Google Scholar](http://scholar.google.it/citations?hl=en&user=3Xhpqh0AAAAJ) - <http://scholar.google.it/citations?hl=en&user=3Xhpqh0AAAAJ>

24/01/2022

In Fede

Autorizzo il trattamento dei miei dati personali presenti nel curriculum vitae ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 e del GDPR (Regolamento UE 2016/679).

