

# Roberto Montemanni

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## SHORT BIO

Roberto Montemanni is full professor of Operations Research. He has been leading basic and applied research projects both at national and international levels. His research interests are primarily in the fields of mathematical modelling, algorithms and machine learning, with applications in ICT, transportations, logistics and industrial engineering. He has authored more than 150 peer-reviewed publications.

## EMPLOYMENT HISTORY

**Full Professor**, Mar 2019 - ?, DISMI, UNIMORE  
Professor, Dec 2011 - Feb 2019, Dalle Molle Institute for Artificial Intelligence (IDSIA),  
University of Applied Sciences of Southern Switzerland (SUPSI)  
Research Advisor, Nov 2014 - ?, Faculty of Informatics, Università della Svizzera italiana (USI)  
Senior Researcher, May 2007 - Feb 2019, IDSIA, USI/SUPSI  
Lecturer-Researcher, May 2007 - Dec 2011, DTI, SUPSI  
PostDoc Researcher, Nov 2001 - Apr 2007, IDSIA, USI/SUPSI

## EDUCATION

**Ph.D. in Applied Mathematics**, Jan 2002, University of Glamorgan, Pontypridd, United Kingdom  
Laurea degree in Computer Science (with honors), Mar 1999, Alma Mater Studiorum, University of Bologna, Italy

## RESEARCH INTERESTS

Operations Research, Machine Learning, Combinatorial Optimization

## INVITED KEYNOTE/PLENARY TALKS / TUTORIALS / SEMINARS

**13 conference keynotes:** IEEE-ICIEA 2019; ICITT 2018; ICTLE 2018; ICTTE 2017; ICITT 2017; IEEE-ICOICT 2016; ICTTE 2016; ICTTE 2015; ICAOR 2015; ICTTE 2014; FORS40; ESM 2012; ICAOR 2012

**4 conference tutorials:** IEEE-ICOICT 2016; ICTTE 2016; ACM-SAC 2012; MobiCONA 2012

**12 invited seminars:** University of Brescia, 2018; ETHZ Singapore, 2018; University of Modena and Reggio Emilia, 2018; Queen Mary University of London 2016; South China University of Technology 2015; SINTEF 2012; Università del Salento, 2008; ETH Zurich, 2005; Università di Lecce, 2005; Politecnico di Milano, 2004; Technische Universität Dresden, 2004; IDSIA, 2001

## PUBLICATIONS

**6** Edited Books/Journal Special Issues  
**67** Journal Articles  
**21** Chapters in Books and Volumes  
**62** Articles in Reviewed Conference Proceedings

## RESEARCH PROJECTS (as Project Leader/Author of the Proposal)

**6** Swiss National Science Foundation Projects  
**2** Research Project with Swiss Private Foundations  
**2** Swiss Innovation and Research Projects (InnoSuisse)  
**2** Innovation Projects with Swiss Companies  
**2** EU Research and Innovation Projects