


PERSONAL INFORMATION

Francesco Longo

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Sex Male | Nationality Italian

WORK EXPERIENCE

2006–Present

Associate Professor

University of Calabria, Rende (Italy)

Director of the Modeling & Simulation Center – Laboratory of Enterprise Solutions (part of the LIME Lab)

2016–Present

Share-Holder and CEO of Cal-Tek

Rende (Italy)

CEO of Cal-Tek Ltd, a spin-off company of University of Calabria

01/12/2016–22/12/2016

Visiting Professor

Upper Austria University of Applied Sciences

01/11/2007–30/11/2007

Visiting Professor

Rutgers University, NJ, USA, Department of Industrial and Systems Engineering

25/07/2006–31/08/2006

Visiting Professor

Rutgers University, NJ, USA, Department of Industrial and Systems Engineering

EDUCATION AND TRAINING

2005

Ph.D. in Mechanical Engineering

University of Calabria, Rende (Italia)

2003

Qualifying examination for engineering profession

2002

Master's degree in mechanical engineering, Summa cum Laude

University of Calabria, Rende (Italia)

PERSONAL SKILLS

Mother tongue(s)

Italian

Foreign language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

English

C1

C1

C1

C1

C1

Level witnessed by working experiences, like Authorship of dozens of scientific papers in English, speaker at several international conferences, teacher in different University courses given in English, and more (see other sections)

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

Invited Lectures and Seminars

- 07/2017, Keynote Speaker, Keynote Speech at the XVIII International Association of University Presidents, IAUP 2017, Vienna, Austria
- 12/2016, Seminars series, Upper Austria University of Applied Sciences (given in the following campuses: Hagenberg, Wels, Steyr, Linz), Austria
- 11/2014, Keynote Speaker, Keynote Speech at the International Workshop on Innovation in Logistics, Win-Log 2014
- 11/2013, Keynote Speaker, Keynote Speech at the International Workshop on Innovation in Logistics, Win-Log 2013
- 07/2013, Lecture, Lecture at York University, Toronto, Canada
- 11/2007, Seminars series, Rutgers University, The State University of New Jersey, USA
- 2011 – 2016 Lectures and Special Sessions, Multiple Lectures and Special Sessions at the International Multidisciplinary Modeling & Simulation Multiconference

Organisational / managerial skills

Share-Holder and CEO of CAL-TEK srl a spin-off Company of University of Calabria;

Founder and member of the Board of Directors of Liophant Simulation (a non-profit association born in order to be a trait-d'union among simulation developers and users mainly devoted to Technology Transfer;

Founder and member of the Board of Directors of Simulation Team (a non-profit association that leading a Pool of HiTech Institutions active in Modelling & Simulation for Technology Transfer;

RESPONSIBILITY OR MEMBERSHIP IN BOARDS AND COMMITTEES OF INTERNATIONAL JOURNALS AND CONFERENCES:

- SCS M&S Magazine, Editor in Chief, 2011/2014
- SCS M&S Newsletter Editor in Chief, 2009/2011
- Simulation Transaction of SCS Associate Editor in Chief, 2016 – Today
- Simulation Transaction of SCS, Associate Editor, 2008 – 2016
- International Journal of Simulation and Process Modeling, Editorial Board Member
- International Journal of Privacy and Health Information Management, Editor in Chief, 2018 - Today
- International Journal of Privacy and Health Information Management Associate Editor, 2015 - 2018
- International Journal of Computer and Software Engineering Editorial Board Member, 2016 - Today
- International Journal of Privacy and Health Information Management, Editorial Board Member, 2013 - 2015
- International Journal of Modeling, Simulation and Scientific Computing, Editorial Board Member, 2015 – Today
- Virtual Reality Journal Editorial Board Member, 2013 – Today
- International Journal On Advances in Software Editorial Board Member, 2012 – Today
- International Journal of Simulation and Process Modeling Editorial Board Member, 2010 – Today
- International Journal of Business Research and Management Editorial Board Member, 2010 – Today
- SCS M&S Magazine Editorial Board Member, 2010 – 2011
- SCS M&S Newsletter Editorial Board Member, 2012 – Today
- SCS M&S Body of Knowledge Advisory Board Member, 2012 – 2015

- SCS membership committee, Advisory Board Member, 2012 – 2015
- Summer Computer Simulation Conference International Program Committee Member, 2006 – Today
- European Conference on Modeling & Simulation International Program Committee Member, 2006 – 2011
- European Modeling and Simulation Symposium International Program Committee Member, 2007 – Today
- International Conference on Modeling & Applied Simulation, International Program Committee Member, 2008 – Today
- International Workshop on Harbor Maritime Multimodal Logistics Modelling & Simulation International Program Committee Member, 2008 – Today
- Spring Simulation MultiConference International Program Committee Member, 2009 – 2015
- Logistic and Industrial Informatics Symposium International Program Committee Member, 2009
- International Conference on Advances in System Simulation International Program Committee Member, 2009 – 2016
- IASTED International Conference on Modeling & Simulation International Program Committee Member 2010 – 2014
- IASTED International Conference on Modeling & Simulation and Identification International Program Committee Member, 2014, 2016
- The 5th IASTED African Conference on Modelling and Simulation International Program Committee Member, 2014
- E-Medesys, International Program Committee Member, 2010
- International Workshop on Software and Simulation Components- S2C International Program Committee Member, 2010
- SimulTech International Program Committee Member, 2011 – 2013
- International Defense and Homeland Security Workshop, International Program Committee Member, 2011 – Today
- International Conference on Integrated Modeling and Analysis in Applied Control and Automation, International Program Committee Member, 2011 – Today
- International Workshop on Innovative Simulation for Healthcare International Program Committee Member, 2012 – Today
- MATHMOD, International Program Committee Member, 2012
- AsiaSim International Program Committee Member, 2012
- MIC-CCA Mosharaka International Conference on Communications, Computers and Applications International Program Committee Member, 2012
- SIMUL International Program Committee Member 2012, 2016
- ICALT, International Conference on Advanced Logistics and Transport International Program Committee Member, 2013
- International Workshop on Simulation for Energy, Sustainable Development & Environment, SESDE International Program Committee Member, 2013 – Today
- International Food Operations and Processing Simulation Workshop, FOODOPS International Program Committee Member, 2015 – Today
- Modelling, International Program Committee Member, 2017 - 2018

INTERNATIONAL CONFERENCES ORGANIZATION AS GENERAL/PROGRAM CHAIR:

- General co-Chair of the European Modeling and Simulation Symposium, EMSS, 2008, 2010 – Today
- General co-Chair of the International Conference on Industry 4.0 & Smart Manufacturing, ISM, 2019 - Today
- General co-Chair of the Summer Computer Simulation Conference, 2012
- General Chair of the International Workshop on Modeling & Applied Simulation, MAS, 2009 – 2010
- General Co-Chair of the International Workshop on Innovation in Logistics, WIN-LOG, 2013 – 2014

- General Co-Chair of the International Workshop on Simulation for Energy, Sustainable Development and Environment, SESDE, 2013
- General Chair of the Emerging M&S Applications in Industry and Academia Symposium (EAIA) part of the SCS Spring Simulation Multiconference, 2012 – 2013
- Vice General Chair of the Summer Simulation Multi Conference, SummerSim, 2011
- Program Chair of the International Food Operations and Simulation Workshop, FOODOPS, 2015 – Today
- Program co-Chair of the International Multidisciplinary Modeling and Simulation Multiconference, I3M, 2007 – 2008, 2011 – Today
- Program Chair of the Annual Simulation Symposium, ANSS, part of the Spring Simulation Multiconference, 2014
- Program Chair of the Summer Simulation Multiconference, SummerSim, 2013
- Program Chair of the Emerging M&S Applications in Industry and Academia Symposium, EAIA, for the Business in Industry track. EAIA is part of the SCS Spring Simulation Multiconference, 2010 – 2011
- Program co-Chair of the European Modeling & Simulation Symposium, EMSS, 2007, 2009
- Co-Organizer and Co-Chairman of the MS&Net and MISS Joint Directors Workshop, at the Summer Computer Simulation Conference, 2008 – 2010
- Co-Organizer e Co-Chairman of the MISS&MS&Net Joint Directors Workshop at the International Mediterranean Modelling MultiConference, 2008

INTERNATIONAL CONFERENCES ORGANIZATION AS STEERING COMMITTEE MEMBER AND TRACK CHAIRMAN:

- Steering Committee Member of the International Workshop on Simulation for Energy, Sustainable Development and Environment, SESDE, 2013 – Today
- Steering Committee Member of the International Workshop on Applied Modeling & Simulation, WAMS, 2010 – Today
- Steering Committee Member of the Summer Simulation Multiconference, SummerSim, 2014
- Chairman of the Summer Computer Simulation Conference, SCSC, for the track Emergency Simulation, 2006 – Today
- Chairman of the European Modeling & Simulation Symposium, EMSS, for the track Industrial Engineering, 2012 – Today
- Chairman of the International Defense and Homeland Security Simulation Workshop, DHSS, for the track Ports and Littoral Protection, 2012 – Today
- Chairman of the International Defense and Homeland Security Simulation Workshop, DHSS, for the track Critical Systems Modeling and Simulation, 2014 – 2015
- Chairman of the Special Session on DIEM-SSP and SG-ICT projects during the I3M Multiconference, 2014
- Chairman of the International Symposium on Inventories, for the special session Modelling and Simulation of Multi-Echelon Inventory Systems, 2012
- Chairman of the European Conference on Modelling and Simulation, ECMS, for the Simulation in Industry track, 2008 – 2011
- Chairman of the Summer School Francesco Turco, for the special session Modeling & Simulation for Sustainable Development, 2010
- Chairman of the International Workshop on Modeling & Applied Simulation, MAS, for the Modeling & Applied Simulation track, 2009

RESPONSABILITIES IN INTERNATIONAL SCIENTIFIC SOCIETIES:

- Director at Large of the Society for Computer Simulation International (SCS), 2012 – 2015
- General Secretary of the M&S Net – McLeod Modeling & Simulation Network, 2009 – Today
- Senior Chair for the Cyber Modeling and Simulation Section of the Centre for Strategic Cyberspace + Security Science, 2011 – 2016

Job-related skills

Reviewer for all the international conferences in which he participated as member of IPC.

Reviewer for many International Journals. Among others:

- Computer and Industrial Engineering
- Simulation: Transaction of the Society for Computer Simulation International
- Production Planning and Control
- International Journal of Simulation and Process Modeling
- International Journal of Mechatronics and Manufacturing Systems
- Modelling and Simulation in Engineering
- Scientific Journals International
- Journal of Manufacturing Systems
- Transportation Research Part D: Transport and Environment
- Mathematical Problems in Engineering
- International Journal of Modeling, Simulation and Scientific Computing
- International Journal of Privacy and Health Information Management

Guest Editor of International Journal of Simulation and Process Modelling for the Special Issues on the following topics- 2009-Today:

- New Advances of Modeling & Simulation for business processes, Production, services and supply chains”
- New trends of simulation and process modeling in multiple domains: from business and production to healthcare, defense and environmental sustainability
- Modeling and Applied Simulation for the 3rd Millennium: Enhancements in traditional Approaches and moving towards Simulation as Service
- Modelling and Applied Simulation: Multi-Perspective and Multidisciplinary Approaches
- Future of Modelling and Simulation: Applications in Industrial Plants, Processes and Services
- Research Challenges in Developing Advanced Solutions in Industry and Supply Chains Modelling and Simulation for Building 21st Century Enterprises
- Industry, Defense and Logistics: Sustainability of Multiple Simulation Based Approaches
- Modeling & Simulation Methodologies, Techniques and Applications: A State of the Art Overview
- Industry and Supply Chain: Technical, Economic and Environmental Sustainability

Guest Editor of Simulation Transaction of SCS for the Special Issues on the following topics 2011, 2016-Today:

- Agent Directed Simulation
- Advances of Modeling & Simulation in Supply Chain and Industry

Guest Editor of International Journal of Privacy and Health Information Management, for the following Special Issues- 2012-Today:

- New simulation based solutions for education, training and decision making in the healthcare sector
- The future of Healthcare: new Methodologies, Technologies and Applications based on Modeling & Simulation
- Modeling & Simulation Advances in Healthcare Information Management, Decision Making and Education
- Modeling, Simulation, and Computational Methods for Privacy and Healthcare Information

Guest Editor of Computers & Electrical Engineering (CAEE) for the Special Issues on the following topic: Critical Systems Modeling and Security-2015

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving

Proficient user	Proficient user	Proficient user	Proficient user	Proficient user
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Digital skills - Self-assessment grid

Driving licence B

ADDITIONAL INFORMATION

Honours and awards

- Multicultural Modeling & Simulation Award 2019 in recognition of the contribution to the Modeling & Simulation sector, awarded by Liophant Simulation
- Outstanding Service Award -Society for Computer Simulation International (SCS) in recognition of the exemplary service to SCS in reviving the societies membership and also for the punctual publication and interesting content of the newsletter
- Certificate of Appreciation- Society for Computer Simulation International (SCS) in recognition of the Outstanding Contribution as Program Chair of the Summer Simulation Multiconference 2012
- Certificate of Appreciation- Society for Computer Simulation International (SCS) in recognition of the Outstanding Contribution to the Summer Simulation Multiconference 2012
- Third Place Best paper Award- Received for the paper "Virtual Simulation for training in Port environments" by Bruzzone A.G., Longo F., Nicoletti L., Diaz R., submitted and published in the Proceeding of the Summer Computer Simulation Conference 2011, The Hague (Netherlands).
- Honorary Fellowships- Australian Institute of High Energetic Materials from 2010
- Certificate of Appreciation- University of La Laguna in recognition of the contribution as chair of the Modelling & Applied Simulation track part of the International Workshop on Modeling & Applied Simulation, MAS 2009
- Certificate of Appreciation- University of La Laguna in recognition of the contribution as chair of the Production Systems Design track part of the International Workshop on Modeling & Applied Simulation, MAS 2009
- Certificate of Appreciation- University of La Laguna in recognition of the contribution as chair of the Industrial Engineering track part of the European Modeling and Simulation Symposium, EMSS 2009
- Certificate of Appreciation- Society for Computer Simulation International in recognition of the contribution as Sessions chair of the Summer Computer Simulation Conference 2007, San Diego, CA, USA.
- Certificate of Appreciation- Industrial and System Engineering Department of the Rutgers University in recognition of the research work carried out during the visit at Rutgers University in the period April 2005 – September 2005 on advanced simulation models for marine terminals security
- Certificate of Appreciation- Certificate of appreciation by the McLeod Institute of Simulation Sciences (MISS) for the PhD final Dissertation 10th Year Special Award- Executive Committee of the International Cultural and Academic Meeting of Engineering Students (ICAMES), Bogazici University, Istanbul (Turkey), for the participation and contribution to ten different editions of ICAMES
- First Place Award (simulation category)- International Cultural and Academic Meetings of Engineering Students, ICAMES 2016, presenting the project "DREDIS", Bogazici University, Istanbul (Turkey)
- Second place awards- International Cultural and Academic Meetings of Engineering Students, ICAMES 2015, presenting the project "Ship Bridge Simulator", Bogazici University, Istanbul (Turkey)
- Second place awards- International Cultural and Academic Meetings of Engineering Students, ICAMES 2014, presenting the project "CTSIM, Car Terminal Simulation", Bogazici University, Istanbul (Turkey)
- Second place awards- International Cultural and Academic Meetings of Engineering Students, ICAMES 2012, presenting the project HAZIMUT, Bogazici University, Istanbul (Turkey)
- First Runner Up Awards- International Cultural and Academic Meetings of Engineering Students, ICAMES 2008, presenting the project "VISTO - Virtual Store for Retail", Bogazici University,

Istanbul (Turkey)

- Projects** RESEARCH PROJECTS AND CONTRACTS IN CHARGES AS PRINCIPAL INVESTIGATOR
- SO4SIMS Smart Operators 4.0 based on Simulation for Industry and Manufacturing Systems, Italian Ministry of University and Research, PRIN Program, 2019-2022, Project Coordinator
 - SMARTRAIN Smart Training for Operators working in Logistics Hubs and Complex Facilities Italian Ministry of Economic Development, PON-MISE Program 2017-2020, Project Coordinator
 - GREENVALUES Technical, Social and Environmental Sustainability in Supply Chain nodes and logistics facilities European Regional Development Fund, POR Calabria Program 2017-2019, Project Coordinator
 - Zero-KIRS Zero Kilometers Innovative Routing System European Regional Development Fund POR Calabria Program 2017-2019, Project Coordinator
 - W-ARTEMYS, Wearable augmented reality for employee safety in manufacturing systems National Institute for Insurance against Accidents at Work (INAIL) BRIC Program 2016-2018, Research Unit Coordinator
 - SISOM, Advanced Systems for Smart Operators in Industry 4.0 National Institute for Insurance against Accidents at Work (INAIL) BRIC Program 2016-2017, Research Unit Coordinator
 - DIEM-SSP, Disasters and Emergency Management in Industrial Plants Italian Ministry of University and Research PRIN 2012 Program 2014-2017, Research Unit Coordinator
 - HABITAT, HARbour traffic optimization system Italian Ministry of University and Research MIUR PON01 Program 2012-2016, Research Unit Coordinator
 - SG-ICT, Serious Game at Increased impact on Culture and Tourism Italian Ministry of University and Research MIUR PAC Program 2014-2016, Project Coordinator
 - T-ESEDRAS, Terminals Environmental Sustainability Enhancement based on data re-Organization Analysis and Simulation European Regional Development Fund Innovation Pole for Logistics, Transportation and Transformation 2014-2016, Research Unit Coordinator
 - SMARTDISTR: Smart Distribution European Regional Development Fund Innovation Pole for Logistics, Transportation and Transformation 2014-2016, Research Unit Coordinator
 - SIMON: Monitoring System for International Shipping European Regional Development Fund Innovation Pole for Logistics, Transportation and Transformation 2014-2016, Research Unit Coordinator
 - FTS, Freight Transportation Sharing App Innovation Pole for Logistics, Transportation and Transformation 2015
 - Project Coordinator CTSIM, Car Terminal Simulation Innovation Pole for Logistics, Transportation and Transformation 2014, Project Coordinator
 - SIMCJOH Simulation of Multicoalition Joint Operations involving Human Modeling Italian Ministry of Defense PNRM Program 2013-2015, Research Unit Coordinator
 - IODA Process Innovation in Industrial Plants European Regional Development Fund Calabria Region 2007-2008, Project Coordinator

Courses Teaching Activities

- Industrial Plants and Mechanical Facilities (2016-Today)
- Industrial Plants Management (2011-Today)
- Industrial Plants (2011-2017)
- Production Systems Design (2005-2011)
- Industrial Plants Laboratory (2005-2011)

Academic Duties and Services

- Responsible for the activity Virtual Simulator for the European Researchers Night at University of Calabria, 2014 - Today
- Internal Member for Qualifying examination for Mechanical engineering profession, Academic Year 2013-2014 and 2014-2015
- He has organized under request of the Internationalization office of University of Calabria a

special session on “New Universities collaborations” during the multiconference I3M 2014, Bordeaux, France.

- Responsible for the creation of a dual degree program between Management Engineering Master Degree Course of University of Calabria and Innovation and Product Management Degree Course of Upper Austria University of Applied Sciences.
- Organizer of the visit of a delegation from University of Calabria at the Upper Austrian University of Applied Sciences (Linz, Hagemberg, Steyr and Vienna campus) to promote new research and didactic collaborations.
- Organizer of the visit of a delegation from Upper Austrian University of Applied Sciences at the University of Calabria Campus to promote new research and didactic collaborations.
- He supported the signature of a cooperation agreement between University of Calabria and Upper Austrian University of Applied Sciences.
- Organizer of the visit of a delegation from University of Calabria at York University (Toronto, Canada) to establish new scientific and didactic collaborations.
- He has participated on behalf of the Internationalization Pro-Rector of University of Calabria to the ASEMUNDUS conference, Berlin, Germany, Feb 2013, to promote new collaborations between University of Calabria and Far East countries.
- Member of the Technical Committee of the BATS Library of University of Calabria representing the Department of Mechanical, Energy and Management Engineering.
- He has promoted the signature of the cooperation agreement between the University of Calabria and the NATO STO CMRE (Center for Maritime Research and Experimentation).
- Member of the Doctorate School in Civil and Industrial Engineering at University of Calabria (from 2014).
- He has promoted the signature of the ERASMUS agreement between University of Calabria and Autonomous University of Barcelona (Spain).
- He has promoted the signature of the ERASMUS agreement between University of Calabria and University of Amsterdam.
- He has promoted the signature of the ERASMUS agreement between University of Calabria and Technical University of Vienna, Austria.
- He has supported the ERASMUS Placement program at University of Calabria providing many students with contacts in other countries to make their experience abroad.
- He has participated as representative of the Department of Mechanical, Energy and Management Engineering to the Secure Societies round-table: Protecting Freedom and Security of Europe and its Citizens, with the aim of defining the contribution of University of Calabria to the Research National Plan.
- Member of the Doctorate School Pitagora (Mechanical Engineering PhD program) at University of Calabria.
- Member of the Committee for students' admission at the Management Engineering Master Degree Course.
- Member of the Internationalization Committee of the Engineering Faculty at University of Calabria (2009-2012).
- Member of the examination Committee to assess the Italian Language proficiency of foreign students applying at the Engineering Faculty of University of Calabria (2009-2012).
- He has supported the organization of a seminar cycle on Inventory Management (given by Prof. Adriano Solis, York University, Canada) as part of the program of the Pitagora Doctoral School.
- He has organized a workshop on Modeling & Simulation in Logistics and Supply Chain at University of Calabria in cooperation with the Regional Logistics Innovation Pole.
- He is tutor for undergraduate students in Mechanical Engineering (first year).
- Member of the Committee to assess the viability and sustainability of the University of Calabria pole located in Crotona.
- He has served many times as President or member of the Committee for assigning research grants and contracts for post-doctoral and graduate students.
- Responsible for hardware and instrumentations acquisition for the second level laboratory LMSV (Laboratory of Modeling, Simulation and Visualization) as part of the project MATERIA.
- He supported the organization of the TOLC test for students' admission at Engineering Faculty of University of Calabria for the Academic years 2006/2007 and 2007/2008
- He continuously supports the promotion activities of the Department of Mechanical, Energy and

Management Engineering of University of Calabria

- Member of the Committee for the admission of PhD Students at the Pitagora Doctorate School of University of Calabria (XXVII Doctorate Cycle).
- Member of the Committee nominated by the Department of Mechanical, Energy and Management Engineering for the studying possible indicators for budget subdivision among University of Calabria Departments (resources to be used for promotions).
- Member of the Committee to evaluate the final thesis of the PhD candidates (XXIV Doctorate Cycle in Mathematical Engineering and Simulation) at University of Genoa, Italy.

Conferences

PARTICIPATION IN INTERNATIONAL CONFERENCES:

European Modeling and Simulation Symposium 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

International Conference in Software Engineering for Defense Applications 2015

Modeling & Simulation for Autonomous Systems Workshop 2016

International Conference on Modeling and Applied Simulation 2004, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

International Conference on Harbor Maritime and Logistics Modeling & Simulation 2004, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

International Workshop on Innovative Simulation for Health Care 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

International and Academic meeting of Engineering Students 2004, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015

International Conference on Integrated Modeling and Analysis in Applied Control and Automation 2004, 2010, 2011, 2012, 2013, 2015, 2016, 2017, 2018, 2019

International Defense and homeland Security Simulation Workshop 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

International Workshop on Simulation for Energy, Sustainable Development & Environment 2013, 2014, 2015, 2016, 2017, 2018, 2019

International Workshop on Applied Modeling & Simulation 2012, 2014, 2016

NATO CAX Forum 2011, 2012, 2014

International Food Operations and Processing Simulation Workshop 2015, 2016, 2017, 2018, 2019

International Workshop on Innovations in Logistics 2013, 2014

ITEC, Conference and Exhibition dedicated to Defense, Training, Education and Simulation 2013, 2004

Interservice/Industry Training, Simulation and Education Conference, IITSEC 2010, 2011

ASEMUNDUS - Succeeding in European-Asian Higher Education Cooperation, DAAD, 2013

Summer Computer Simulation Conference 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013

International Symposium on Performance Evaluation of Computer & Telecommunication Systems, SPECTS, 2011, 2012, 2013

International Conference on Bond Graph Modeling & Simulation, ICBGM, 2012

Grand Challenges Modeling & Simulation, GCMS 2011, 2012

Spring Simulation MultiConference 2008, 2009, 2010

European Conference on Modeling & Simulation, 2007

Piovra Project Workshop, 2006

International Conference on Production Research, 2005

ANIPLA annual congress, 2003

ANIMP annual congress, 2003

ISCS annual congress, 2003

Seminar on eM-Plant "Discrete Event Simulation in Logisitcs, 2003

EDITOR OF CONFERENCES PROCEEDINGS SERIES:

Co-Editor of the Proceedings of the European Modeling and Simulation Symposium, EMSS 2007 – Today

Co-Editor of the Proceedings of the International Conference on Harbor, Maritime and Multimodal Logistics Modeling & Simulation, HMS 2014 – Today, 2011 – 2012, 2007 – 2008

Co-Editor of the Proceedings of the International Defense and Homeland Security Simulation Workshop, DHSS 2013 – 2015

Co-Editor of the Proceedings of the Workshop on Innovative Simulation for Health Care, IWISH 2013 – 2015

Co-Editor of the Proceedings of the International Workshop on Simulation for Energy, Sustainable Development and Environment, SESDE 2014 – 2015

Co-Editor of the International Food Operations and Processing Simulation Workshop, FoodOPS 2015 –Today

Co-Editor of the Proceedings of the Emerging Applications in Industry and Academia Symposium, EAIA 2012 – 2013

Co-Editor of the Proceedings of the Summer Computer Simulation Conference, SCSC 2012 – 2013

Co-Editor of the Proceedings of the International Workshop on Modeling & Applied Simulation, MAS 2007, 2009 – 2010

Publications

1. Longo F., Nicoletti L., Padovano A., d'Atri G., Forte M., 2019. Blockchain-enabled supply chain: An experimental study. *Computers and Industrial Engineering*. 136, pg. 57 - 69
2. Vignali G., Bottani E., Guareschi N., Donato L.D., Ferraro A., Pirozzi M., Tomassini L., Longo F., 2019. Development of a 4.0 industry application for increasing occupational safety: Guidelines for a correct approach. *Proceedings - 2019 IEEE International Conference on Engineering, Technology and Innovation, ICE/ITMC 2019*.
3. Longo F., Nicoletti L., Padovano A., 2019. Emergency preparedness in industrial plants: A forward-looking solution based on industry 4.0 enabling technologies. *Computers in Industry*. 105, pg. 99 - 122
4. Longo F., 2019. Sustainability in logistic hubs: A decision support system for investigating green practices at container terminals. *International Journal of Simulation and Process Modelling*. 14, pg. 234 - 250

5. Longo F., Nicoletti L., Padovano A., 2019. Estimating the Impact of Blockchain Adoption in the Food Processing Industry and Supply Chain. *International Journal of Food Engineering*. -
6. Longo F., Nicoletti L., Padovano A., 2019. Ubiquitous knowledge empowers the Smart Factory: The impacts of a Service-oriented Digital Twin on enterprises' performance. *Annual Reviews in Control*. 47, pg. 221 - 236
7. Longo F., Nicoletti L., Padovano A., 2019. A system for supply chains diversification and (re)design: Supporting managers' perspective in the face of uncertainty. *International Journal of Logistics Systems and Management*. 32, pg. 168 - 194
8. Longo F., Nicoletti L., Padovano A., 2019. Modeling workers' behavior: A human factors taxonomy and a fuzzy analysis in the case of industrial accidents. *International Journal of Industrial Ergonomics*. 69, pg. 29 - 47
9. Frascio M., Cortese K., Longo F., Sinelshchikov K., 2019. Multidisciplinary development of a simulation of industrial plant disasters designed for improving safety through training and new procedures. *International Journal of Simulation and Process Modelling*. 14, pg. 279 - 293
10. Mensah P., Merkuryev Y., Pecerska J., Longo F., 2019. Analysing uncertainties and their impacts on deliveries of a logging company: Simulation model to foster supply chain resilience. *International Journal of Simulation and Process Modelling*. 14, pg. 251 - 260
11. Bottani E., Longo F., Vignali G., 2018. Special issue "selected papers from the first international food operations & processing simulation workshop - FoodOPS2016 (September 26-28, 2016, Larnaca, Cyprus)". *International Journal of Food Engineering*. 14 -
12. Vignali G., Bertolini M., Bottani E., Di Donato L., Ferraro A., Longo F., 2018. Design and testing of an augmented reality solution to enhance operator safety in the food industry. *International Journal of Food Engineering*. 14 -
13. Vignali G., Longo F., 2018. Welcome message 2018. *International Food Operations and Processing Simulation Workshop, FoodOPS 2018*. , pg. IX - X
14. Longo F., Nicoletti L., Padovano A., 2018. Workplace safety and emergency procedures (re)design: A human workload assessment through virtual reality. *Proceedings of the Summer School Francesco Turco. 2018-September* -
15. Jiménez E., Longo F., Affenzeller M., 2018. Welcome message 2018. *30th European Modeling and Simulation Symposium, EMSS 2018*. , pg. x - xi
16. Longo F., Nicoletti L., Padovano A., 2018. An interactive, interoperable and ubiquitous mixed reality application for a smart learning experience. *International Journal of Simulation and Process Modelling*. 13, pg. 589 - 603
17. Behr J., Diaz R., Longo F., Padovano A., 2018. A methodological framework to implement lean in dynamic and complex socio-technical systems. *17th International Conference on Modeling and Applied Simulation, MAS 2018*. , pg. 199 - 204
18. Padovano A., Longo F., Nicoletti L., Mirabelli G., 2018. A Digital Twin based Service Oriented Application for a 4.0 Knowledge Navigation in the Smart Factory. *IFAC-PapersOnLine*. 51, pg. 631 - 636

19. Longo F., Bruzzone A., Padovano A., Nicoletti L., 2018. Preface. *International Journal of Simulation and Process Modelling*. 13, pg. 1 - 2
20. Longo F., Padovano A., Nicoletti L., Frangella J.L., Massei M., 2018. A collaboration and asset sharing platform in perishable product supply chain. 30th European Modeling and Simulation Symposium, EMSS 2018. , pg. 394 - 400
21. Solis A.O., Nosedal-Sánchez J., Asgary A., Longo F., Zaccaro B., 2018. Modelling and simulation of a fire department's response to emergency incidents. 8th International Defense and Homeland Security Simulation Workshop, DHSS 2018. , pg. 73 - 80
22. Longo F., Nicoletti L., Padovano A., Fusto C., Gazzaneo L., Di Matteo R., 2018. Multi-capitals sustainability for firms competitiveness. 20th International Conference on Harbor, Maritime and Multimodal Logistics Modeling and Simulation, HMS 2018. , pg. 83 - 90
23. Aponte-Becerra L., Padovano A., Longo F., Lioutas V.-A., Novak P., Ngo L., McGlinchey R., Fortier C., Novak V., 2018. The association of demographic and health factors with working capability in elderly. 7th International Workshop on Innovative Simulation for Health Care, IWISH 2018. , pg. 63 - 70
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