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Date of birth: 03 July 1967

Age: 51 years

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Summary

Paolo Trucco is Full Professor of Industrial Risk Management at Politecnico Di Milano, Department of Management, Economics and Industrial Engineering where he is also Director of the PhD Programme in Management Engineering. He is the local co-ordinator and member of the Scientific Committee of EDIM (European Doctorate in Industrial Management; www.edim-phd.eu).

Paolo was educated at Politecnico di Milano, where he completed a Laurea degree programme (5 years) in Industrial Engineering with distinction, and University of Florence, where he received a DPhil in Engineering Science (Doctoral Programme in Quality Engineering).

Paolo's ongoing research mainly focuses on:

- Risk Management and Resilience of complex socio-technical systems with applications in the energy, transportation, healthcare sectors, and Critical Infrastructure in general;
- Supply Chain Risk Management and Resilience in the context of Climate Change and Circular Economy, with a particular emphasis on modelling and quantitative analysis;
- Digital Transformation in Capital Projects Supply Chains
- Operations management in ETO and EPC businesses, with a focus on procurement and supply management, modularisation in the product life cycle;
- Integration of OHS Performance Management in World Class Manufacturing programmes.
- Industrial Eco-efficiency: energy and resource efficiency, Product Recovery Network planning and management, and product-system life cycle management.

He is author of more than 260 scientific publications and in the last four years he has been involved, as scientific coordinator or principal investigator, in five research projects, at national and European level, on Critical Infrastructure Protection and Operational Resilience.

He is member of ESRA (the European Safety and Reliability Association), and founder member of CIRINT.NET (the Critical Infrastructure Resilience International Network) and of the Italian Chapter of TIEMS (The International Emergency Management Society).

Paolo is scientific advisor of DG Home Affairs (European Commission) and of the Lombardy Region Government (Italy) for the development of Regional Programmes on Critical Infrastructure Resilience. He is member of the Healthcare Risk Management Committee at Lombardy Region Government.

Education and Qualifications

- 2005: Politecnico di Milano**
Department of Management, Economics and Industrial Engineering
Associate Professor.
- 2001: Politecnico di Milano**
Department of Mechanical Engineering
Assistant Professor.
- 1999: Politecnico di Milano**
Department of Mechanical Engineering
Junior Research Fellow.
- 1999: University of Florence**
DPhil(Engineering Science) in Quality Engineering.
Dissertation: "A Life Cycle Approach to Eco-Efficiency Integration in World-class Operations" (in Italian: "Progettare la qualità ambientale del sistema produttivo – Un approccio life cycle per il miglioramento e l'integrazione dell'eco-efficienza").
- 1994: Politecnico di Milano.**
Laurea degree in Industrial Engineering (5 years).
ANIMP (Italian Association of Industrial Plant Engineering) Annual Prize for the best thesis.

Current Position

- 2014-date: Politecnico di Milano**
Department of Management, Economics and Industrial Engineering
Research Team on Risk and Resilience Management of Complex Systems (www.r2macs.com)
Full Professor of Industrial Risk Management
- Director of the PhD Programme in Management Engineering (since Dec 2014; Vice-Director since 2009).
Local Co-ordinator and member of the Scientific Committee of EDIM (European Doctorate in Industrial Management; www.edim-phd.eu).
- Member of the Executive Board of the Department (since 2013).

Academic Experience

Member of evaluation committees:

- 2016-2018: Italian National Scientific Qualification for Associate and Full Professors
Sector: 09/B - MANUFACTURING, INDUSTRIAL AND MANAGEMENT ENGINEERING

Visiting Positions:

- 1997-1999: University of Michigan
Center for Sustainable Systems (formerly NPPC)
Visiting Researcher in Industrial Eco-efficiency

Journal Editorial Boards and services

- 2014-date: *Direccion Y Organizacion - Revista de Ingenieria de Organizacion, CEPADE. ISSN 1132-175X (Scopus). Memembr of the Editorial Advisory Board*
- 2015-date: *Reliability Engineering and System Safety. Elsevier (Scopus, WoS). Outstanding Reviewer Status*

Conference Organization

- 2018: AHFE 2018 International Conferences on Human Factors and Ergonomics in Healthcare and Medical Devices, July 21–25, 2018, Orlando, Florida, USA. Member of the Technical Committee.
AHFE 2018 International Conference on Human Factors and Systems Interaction, July 21–25,

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- 2018, Orlando, Florida, USA. Member of the Technical Committee.
IEEE International Conference on Technology Management, Operations and Decisions (ICTMOD), November 21-23, 2018, Marrakech, Morocco. Member of the Technical Committee.
- 2017 AHFE 2017 International Conferences on Human Factors and Ergonomics in Healthcare and Medical Devices, July 17–21, 2017, The Westin Bonaventure Hotel, Los Angeles, California, USA. Member of the Technical Committee.
AHFE 2017 International Conference on Human Factors and Systems Interaction, July 17–21, 2017, The Westin Bonaventure Hotel, Los Angeles, California, USA. Member of the Technical Committee
POMS Annual Conference 2017, Track: Socially Responsible Operations – Session: Responsible Labor Practices in Operations. Track Co-chair and Session Chair, 5-8 May 2017.
- 2016 AHFE 2017 International Conferences on Human Factors and Ergonomics in Healthcare, 27-31 July, 2016, Orlando, Florida (USA). Member of the Technical Committee.
AHFE 2017 International Conferences on Human Factors and Systems Interaction, 27-31 July, 2016, Orlando, Florida (USA). Member of the Technical Committee.
4th International Workshop on Regional Critical Infrastructure Protection Programmes - June 2016. Bilbao (ES). Member of the organizing Committee.
International Conference on Urban Risks (ICUR2016), 30 June-2 July, 2016, Lisbon (Portugal). Member of the Technical Committee and Track Chair.
- 2015 3rd International Workshop on Regional Critical Infrastructure Protection Programmes - June 2015. Milan (IT). Chairman.
2nd Annual EDIM PhD Conference on Management Engineering: "Nurturing Firms' Competitiveness and Societal Welfare through Management Engineering Research", 10-12 June, 2015. Milan (Italy). Co-chairman.
AHFE 2017 International Conferences on Human Factors and Ergonomics in Healthcare, 26–30 July, 2015, Las Vegas (USA). Member of the Technical Committee.
- 2014 ESREL 2014 - 14-18 September 2014, Wroclaw (Poland). Member of the Technical Committee.
1st Annual EDIM PhD Conference: "Research Challenges in Contemporary Management Engineering", 11-12 June, 2014. Milan (Italy). Co-chairman.
- 2012 2nd International Workshop on Regional Critical Infrastructure Protection Programmes - November 2012. Edinburgh (UK). Member of the organizing Committee.
- 2011 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM 2011) – 6-9 December 2011. Singapore. Member of the Technical Committee.
1st International Workshop on Regional Critical Infrastructure Protection Programmes: Main issues, Experiences and Challenges - 17-18 November 2011. Milan (Italy). Co-Chairman.
- 2010 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM 2010) – 7-10 December 2010. Macau (China). Member of the Technical Committee.
ESREL 2010 – 5-9 September 2010, Rhodes (Greece). Member of the Technical Committee.
10th International Probabilistic Safety Assessment and Management Conference (PSAM 10) – 7-11 June 2010. Seattle WA (USA). Member of the Technical Committee.
- 2009 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM 2009) – 8-11 December 2009. Hong Kong (China). Member of the Technical Committee.
- 2008 9th International Probabilistic Safety Assessment and Management Conference (PSAM 9) – 18-23 May 2008. Hong Kong (China). Member of the Technical Committee.

Keynote speeches and lectures

- 2016 Keynote speech: "Making risk management meaningful for complex systems: integration and interdependency management". S2R Forum - The Future Safety and Security Research in Europe - 26-28 October 2016, Bilbao (Spain).
Keynote lecture: "A Dyadic view of Risk and Resilience Analysis for CIP-R programmes", Resilience-Based Approaches to Critical Infrastructure Safeguarding, NATO Workshop - 26-29 June 2016, Ponta Delgada, Azores (Portugal).
- 2013 Keynote speech: "Threat-Vulnerability Path Identification for Critical Infrastructures Compilation of a comprehensive all-hazards catalogue for critical infrastructures", 2nd CIPS Workshops. Numerous clausus workshop for the National Contact Points of Member States - 22-23 November 2013, Joint Research Centre (Ispra, Italy).
- 2012 Keynote speech: "e-Health Solutions for Clinical Risk Management", Scientific Conference on

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- the Performance and Strategy Development in Healthcare Facilities: Risk Management in Health Care. Under the patronage of H.R.H. Prince Miteb Bin Abdullah Bin Abdulaziz, Minister of State, Cabinet's Member and Commander of National Guard - 16-19 December 2012, Riyadh (KSA).
- 2012 Keynote lecture: "Clinical Risk Control Rules: towards a dynamic management of patient safety", Seminar for healthcare managers of Gothenburg Hospitals (about 30 participants). Centre for Healthcare Improvement (CHI), Chalmers University - 4-5 October 2012, Gothenburg (Sweden).
- 2012 Keynote speech: "Supporting PPP for CI resilience with proper modelling and assessment tools: from a regional experience to the European perspective", 1st Workshop on Risk Assessment and Resilience for Critical Infrastructures. Numerous clausus workshop for the National Contact Points of Member States - 25-26 April 2012, Joint Research Centre (Ispra, Italy).

External Examiner in Doctoral defences

- 2015 KTH (Sweden), Member of the Jury for the PhD dissertation on "Investments, system dynamics, energy management and policy: A solution to the metric problem of bottom-up supply curves", by Fabian Levihn.
- 2011 UPM (Spain), External Examiner and Member of the Jury for the PhD dissertation on "Valuation of a new entrant in an oligopolistic market, including its option to abandon. A real-life case", by Félix Roux.
- 2008 University of Brescia (Italy), Opponent and Member of the Jury of the annual Final Exam session of the Doctoral Programme in Mechanical and Industrial Engineering.

Successful Doctoral completion

- 2018 Yulia Lapko, "Opening the black box of material criticality - Heterogeneity and interrelations of companies within and across industrial sectors", European Doctorate in Industrial management (EDIM) – EMJD, Double Degree Programme, Politecnico di Milano and KTH.
- 2018 Pablo Fernandez Campos, "Managing the joint influence of structural and dynamic complexity on supply chain performance", Doctoral Programme in Management, Economics, and Industrial Engineering, Politecnico di Milano.
- 2018 Seyed Sajad Mousavi, "Measuring the impact of Lean implementation on Occupational Health and Safety through leading indicators", Doctoral Programme in Management, Economics, and Industrial Engineering, Politecnico di Milano.
- 2016 Rossella Onofrio, "Assessing the Influence of Personal and Organizational Factors on surgeon's performance: a Human Reliability Analysis (HRA) Approach", Doctoral Programme in Management, Economics and Industrial Engineering, Politecnico di Milano.
- 2016 Sudipa Sarker, "Disentangling the Labyrinth of Supply Management in Multinational Corporations (MNCs)", Doctoral Programme in Management, Economics and Industrial Engineering, Politecnico di Milano.
- 2015 Seyoum Birkie, "Be lean to be resilient - Setting capabilities for turbulent times", European Doctorate in Industrial management (EDIM) – EMJD, Double Degree Programme, Politecnico di Milano and KTH.
- 2014 Boris Petrenj, "Understanding the role and contribution of inter-organisational information sharing and collaboration to Critical Infrastructure resilience: a multidimensional investigation", Doctoral Programme in Management, Economics and Industrial Engineering, Politecnico di Milano.
- 2014 Donato Masi, "Enhancing the decision making process leading to the implementation of Occupational Safety and Health interventions in Small and Medium sized Enterprises", Doctoral Programme in Management, Economics and Industrial Engineering, Politecnico di Milano.
- 2012 Andrea Trianni, "Energy-efficient technologies and barriers to energy efficiency in manufacturing SMEs", Doctoral Programme in Management, Economics and Industrial Engineering, Politecnico di Milano, 2012. Cum laude.
- 2011 Giorgio Locatelli, "INCAS model for the economic-strategic integrated evaluation of small/medium nuclear power plants: from the social acceptance to the decommissioning", Doctoral Programme in Management, Economics and Industrial Engineering, Politecnico di Milano. Cum laude.
- 2011 Amerigo Silvestri, "New framework and modelling approach to Enterprise Risk Management in E&C organizations, with application in the Oil & Gas", Doctoral Programme in Management,

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2011	Economics and Industrial Engineering, Politecnico di Milano. Francesco Lorenzi, "A Systems Safety Engineering approach to the implementation of e-Health solutions for Patient Safety", Doctoral Programme in Management, Economics and Industrial Engineering, Politecnico di Milano.
2010	Massimiliano De Ambroggi, "The use of cognitive simulation to support Dynamic Risk Modelling", Doctoral Programme in Management, Economics and Industrial Engineering, Politecnico di Milano.
2007	Chiara Leva, "Human and Organizational Factors in Complex Operations: Development of a Simulator and its Use for the Evaluation of Critical Activities", Doctoral Programme in Management, Economics and Industrial Engineering, Politecnico di Milano, 2007.

Research Projects

Competitive Funding

2018	SICt - Sicurezza delle Infrastrutture Critiche transfrontaliere (Protecting Cross-border Critical Infrastructure)	INTERREG (EU)	€1.400.000
2017	EMPATIA@LECCO (EMpowerment del PAzienTe In cAsa) – Development of a coordinated set of homecare qualified solutions	Fondazione Cariplo	€230.000
2017	Designing a research framework and methodology for a nation-wide survey on the role of workers' representative	INAIL Research Grant	€335.000
2016	Data-Driven Health Service Planning model and web app for the DG Health	Eupolis (Lombardy Region)	€90.000
2015	OHS Management Systems and performance: a nation-wide survey on the role of workers' representative.	INAIL Research Grant	€500.000
2014	ABILITY - Telerehabilitation: Integrated platform Enabling the Remote Delivery and control of physical and cognitive Rehabilitation, and Self-Management	European Commission, MIUR, Regione Lombardia	€4.080.000
2014	READ - Resilience Capacities Assessment for Critical Infrastructures Disruption	European Commission - DG Home Affairs (Action Grant HOME/2013/CIPS/AG)	€376.635
2013	MIRACLE - Multi-level Alignment of Regional Approaches to Critical Infrastructure Resilience by Learning from Experience	European Commission - DG Home Affairs (Action Grant HOME/2012/CIPS/AG)	€343.000
2012	THREVI2 - Threat-Vulnerability Path Identification for Critical Infrastructures Compilation of a comprehensive all-hazards catalogue for critical infrastructures	European Commission - DG Home Affairs (Action Grant HOME/2011/CIPS/AG)	€362.000
2012	MATRICES (Multi Actor Threat Recognition, Information and Collaboration System).	Industrial and applied research Grants - MIUR	€2.000.000
2010	Safe surgery: manikin-based simulation programme validation for the development of non-technical skills in surgical teams	Italian Ministry of Health and Regione Lombardia	€200.000
2009	ReMINE - High performances prediction, detection and monitoring platform for patient	European Commission, 7th FP, ICT	€540.000

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	safety risk management (N. 216134)		
2008	Risk Management and Resilience of manufacturing and service operations (RISKOPRE).	National Scientific Research Grants - MIUR	€350.200
2008	An integrated knowledge framework for risk management and patient safety in chemotherapy.	Italian Ministry of Health	€426.000
2007	E-MERGING - Electronic Tool for Merging SMEs' OSH Data and Information to Support OSH Management and Improve Business Competitiveness	INAIL Research Grant	€325.000
2006	Models, tool and solutions for the designing of WEEE management systems (MESIR)	National Scientific Research Grants - MIUR	€370.000
2006	Approaches to assess the competitiveness of Small Modula Reactors (SMRs)	International Atomic Energy Agency (IAEA) - Cost Action	€80.000
2005	PROMETEO (PROtezione pubblica: MEtologie e TEcnologie Operative) Programme – Development of residual risk assessment models for the implementation of first response plans in urban areas after landslides events	Strategic research Programme - Politecnico di Milano	€100.000
2004	Models and a Decision Support System (DSS) for the strategic design of e-procurement systems in the EPC industry.	National Scientific Research Grants - MIUR	€65.000
2004	ECO4ME – Environmental Costing Outsourcing for Medium Enterprises.	Cariplo Foundation	€110.000
2002	Safety at Speed (S@S) - Developing a formalised design-for-safety methodology for HSC using state-of-the-art techniques and tools Contract No. G3RD-CT-2001-00331.	European Commission, 5th Framework Programme (sub-contractor)	€70.000
2002	Eco-Galvan – Eco-efficiency knowledge and technology transfer in the galvanic industry	Cariplo Foundation	€87.000
2001	Development and validation of a new methodology for cognitive reliability analysis in industrial work-systems.	National Scientific Research Grants - MIUR	€77.000
2000	P.RI.MA. (Project RIsk Management	European Commission, 4 th FP – IST	€318.000
<i>Research and Advisory Contracts</i>			
2018	Improving the cost-effectiveness of the Patient Journey in Multiple Sclerosis (MS)	EDRA	€15.000
2017	Pre-feasibility Study for the Industrial Park in Al-Faw (Basra, Iraq)	Gruppo CLAS	€0.000
2016	Developing and Implementing the Clinical Governance Improvement Programme for the Regional Health System	Lombardy Region	€2.000.000
2015	Telemedicine services in Italy. Market segmentation & value proposition.	ThalesAleniaSpace	€0.000

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2014	Qualification and Quality Risk Assessment of Valcamonica Blood Center (Italy)	Valcamonica Trust	€25.000
2014	Operations & Maintenance site activities in Oil & Gas market. Market segmentation & value proposition.	GE Oil&Gas	€140.000
2013	Multicentre impact analysis of WNV screening on molecular biology labs operations for the validation of donated blood and emo-components	Novartis Vaccines and Diagnostics S.r.l	€21.500
2010	Regional Programme for Critical Infrastructure Protection: interdependencies analysis Code IReR: 2010B038	Eupolis Regione Lombardia	€100.000
2009	Regional Programme for Critical Infrastructure Protection: development of the regional risk register Codice IReR: 2009B001	IReR Regione Lombardia	€340.000
2009	Development and validation of a cost/effectiveness methodology for the assessment of patient safety related technologies.	Italian Ministry of Health and San Raffaele Hospital Foundation	€200.000
2008	Pre-feasibility study for new-generation nuclear power plants in Italy: economic risk analysis	Fondazione EnergyLab	€40.000
2008	Reconfiguration of the regional blood system – A new centralised model for better quality and efficiency Code IReR: 2008B062 and IReR 2006B050	IReR Regione Lombardia	€118.000
2008	Implementation of Rfid technologies for efficiency and sfety improvement in blood services	“Spedali Civili di Brescia” Hospital	€120.000
2007	Healthcare Risk Management: benchmark of regional strategies, policies, and models at national and European level. Code. IReR 2007B044)	IReR Regione Lombardia	€42.000
2007	OHS Management – Critical assessment of the current system and proposal for a new roadmap for SAME DEUTZ-FAHR S.p.A.	SAME DEUTZ-FAHR	€38.000
2005	Clinical Risk Management: identification of key processes and tools for the hospitals in Lombardy Region Code IReR 2005B028.	IReR Regione Lombardia	€55.000
2005	IRIS (International Reactor Innovative and Secure). Modelling the economics of SMR.	International consortium led by Westinghouse – Cost Action	€50.000
2005	Dynamic Safety Modelling for future ATM concepts	Eurocontrol	€80.000
2004	Establishing a new regional programme on Hospital Risk Management for improving the quality of care (Code IReR 2004-037).	IReR Regione Lombardia	€111.500
2003	IRIS (International Reactor Innovative and	International consortium led by	€50.000

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	Secure). Integrating Preliminary Human Reliability Analysis into the Safety-by-Design Approach	Westinghouse – Cost Action	
2002	Development and Implementation of a Risk-based Vendor Rating system.	SAIPEM S.p.A (formerly Snamprogetti)	€65.000
2001	Ergonomic and safety re-design of the assembling and handling systems for new production lines.	Costaferroviaria S.p.A	€73.000

Teaching Experience

Main institutional teaching activities (BSc, MSc, PhD)

2018-2019	Main lecturer of Introduction to Industrial Engineering (BSc), Facility Design and Safety (BSc), Safety Engineering and Management (MSc), and Operations Risk Management & Resilience (MSc). Faculty of Engineering, Politecnico di Milano
2017-2018	Main lecturer of Introduction to Industrial Engineering (BSc), Facility Design and Safety (BSc), Safety Engineering and Management (MSc), Operations Risk Management & Resilience (MSc), and Enterprise and Operations Risk Management (PhD). Faculty of Engineering, Politecnico di Milano
2016-2017	Main lecturer of Introduction to Industrial Engineering (BSc), Facility Design and Safety (BSc), Safety Engineering and Management (MSc), and Operations Risk Management & Resilience (MSc). Faculty of Engineering, Politecnico di Milano
2015-2016	Main lecturer of Introduction to Industrial Engineering (BSc), Facility Design and Safety (BSc), Safety Engineering and Management (MSc), Operations Risk Management & Resilience (MSc), and Enterprise and Operations Risk Management (PhD). Faculty of Engineering, Politecnico di Milano
2014-2015	Main lecturer of Introduction to Industrial Engineering (BSc), Safety Engineering and Management (MSc), and Operations Risk Management & Resilience (MSc). Faculty of Engineering, Politecnico di Milano
2013-2014	Main lecturer of Introduction to Industrial Engineering (BSc), Industrial Risk Management (MSc), and Enterprise and Operations Risk Management (PhD). Faculty of Engineering, Politecnico di Milano
2012-2013	Main lecturer of Introduction to Industrial Engineering (BSc), and Industrial Risk Management (MSc). Faculty of Engineering, Politecnico di Milano
2011-2012	Main lecturer of Introduction to Industrial Engineering (BSc), Industrial Risk Management (MSc), and Advances in Industrial Eco-Efficiency (PhD). Faculty of Engineering, Politecnico di Milano
2010-2011	Main lecturer of Introduction to Industrial Engineering (BSc), and Industrial Risk Management (MSc). Faculty of Engineering, Politecnico di Milano
2009-2010	Main lecturer of Industrial Ergonomics & Safety (BSc), Introduction to Industrial Engineering (BSc), Industrial Risk Management (MSc), and Advances in Industrial Eco-Efficiency (PhD). Faculty of Engineering, Politecnico di Milano
2008-2009	Main lecturer of Industrial Ergonomics & Safety (BSc), Introduction to Industrial Engineering (BSc), and Industrial Risk Management (MSc). Faculty of Engineering, Politecnico di Milano
2007-2008	Main lecturer of Industrial Ergonomics & Safety (BSc), Introduction to Industrial Engineering (BSc), Industrial Risk Management (MSc), and Advances in Industrial Eco-Efficiency (PhD). Faculty of Engineering, Politecnico di Milano
2006-2007	Main lecturer of Industrial Ergonomics & Safety (BSc), Introduction to Industrial Engineering (BSc), and Industrial Risk Management (MSc). Faculty of Engineering, Politecnico di Milano
2004-2006	Main lecturer of Industrial Ergonomics & Safety (BSc), Introduction to Industrial Engineering (BSc), and Industrial Eco-Efficiency (MSc). Faculty of Engineering, Politecnico di Milano
2002-2004	Main lecturer of Industrial Ergonomics (MSc) and Introduction to Industrial Engineering (BSc). Faculty of Engineering, Politecnico di Milano
2000-2002	Main lecturer of Industrial Ergonomics & Safety (BSc) and Introduction to Industrial Engineering (BSc). Faculty of Engineering, Politecnico di Milano
1999-2000	Appointed Professor of Industrial Ergonomics & Safety (BSc) and Introduction to Industrial

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Engineering (BSc). Faculty of Engineering, Politecnico di Milano.

Other main teaching activities (MBA and Specialising Masters)

- 2013-2019
- MIP (Politecnico di Milano Graduate School of Business). MBA Programme. Elective module on “Operations Risk Management and Resilience” (20 hours).
 - MIP (Politecnico di Milano Graduate School of Business), “Executive Programme in Enterprise Risk Management”. Co-Director (148 class hours + Project Work).
 - MIP (Politecnico di Milano Graduate School of Business). International Master in Industrial Management (IMIM). Module on Industrial Eco-Efficiency (8 hours).
- 2018 Eupolis (Lombardy Region). Training Programme for Hospital Risk Managers. Module on Clinical Risk Assessment Methods (16 hours).
- 2017 Eupolis (Lombardy Region). Training Programme for Hospital Risk Managers. Module on Clinical Risk Assessment Methods (16 hours).
- 2015-2017 MIP (Politecnico di Milano Graduate School of Business). Master in Energy Management (in Italian). Module on Industrial Eco-Efficiency (4 hours).
- 2014-2015 University of Milan. Specialising Master in Healthcare Risk Management. Module on Clinical Risk Assessment methods (16 hours).
- 2010-2014 University Campus Biomedico. Specialising Master in Homeland Security. Module on risk analysis of interdependent networked infrastructure (8 hours).
- 2008-2009 University of Rome “Tor Vergata”. Specialising Master for Healthcare Risk Managers of the Italian Regional Health Systems. Modules on Healthcare Risk Management models (8 hours) and Healthcare Risk Assessment (24 hours).
- 2004-2013 CINEAS. Specialising Master on Hospital Risk Management. Module on Clinical Risk Assessment methods (24 hours).

Other Academic Governance responsibilities

- 2013 - date Director of the Doctoral Programme in Management Engineering
- 2013 - date Member of the Council of the School of Doctoral Studies
- 2009 - 2013 Deputy Director of the Doctoral Programme in Management, Economics and Industrial Engineering.
- 2006 - 2012 Deputy Coordinator of the Programme in Production Engineering.
- 2006 - 2012 Responsible of Student’s Mobility Learning Agreements (e.g. Erasmus Mundus). Programme in Production Engineering
- 2003 - 2006 Member of the Internal Control Committee of University Students’ Services.
- 2000 - 2002 Member of the Quality Assurance Committee. BSc Programme in Production Engineering.

Professional Qualifications

- 2018 - date **CERTI.S.** Member of the Committee for Safeguarding Impartiality (EN ISO/IEC 17024:2012)
- 2011 - date **Lombardy Region Government.** Advisor member of the Steering Committee of the Regional Programme on Critical Infrastructure Protection
- 2010 - 2011 **Lombardy Region Government.** Member of the Technical Committee on Land and Urban policies
- 2009 - 2011 **AREA Science Park** (Consorzio per L’Area di Ricerca Scientifica e Tecnologica di Trieste). Member of the Board of Directors.
- 2008 - date **ASTIR s.r.l.** IT solutions and services for seamless collaborative and mission critical operations. Co-founder and Member of the Executive Board.
- 2007 - 2009 **Lombardy Region Government.** Member of the Technical Committee on R&D policies.
- 2005 - 2007 **International Atomic Energy Agency (IAEA).** Member of the Technical Group on “Strategies to Demonstrate Competitiveness of SMRs for Anticipated Applications”.
- 2004 - date **Lombardy Region Government.** Member of the Technical Committee on Healthcare Risk Management, DG Health
- 2004 - date **CEUR Foundation** (Centro Europeo Università e Ricerca; www.ceur.it). Member of the Executive Board since 2015. Member of the Scientific Advisory Board.

Scientific and Professional Associations

CIRINT.NET (Critical Infrastructure Resilience International Network).

- Member of the Executive Board (2015 - date)
- Founding member (2015).

TIEMS (The International Emergency Management Society) Italian Chapter.

- Member of the Executive Board (2014 - date)
- Founding member (2014).

ESRA (European Safety and Reliability Association).

- Member (2004 - date).

IAPSAM (International Association for Probabilistic Safety Assessment and Management).

- Member (2008 - date).

AIDI (Italian Association of Professors of Industrial Engineering).

- Member (2012 - date)
- Member of the Steering Committee (2012-2015).

ANIMP (Italian Association of Industrial Plant Engineering)

- Member (1996 - date)

AIIC (Italian Association of Experts in Critical Infrastructure Protection).

- Member (2012 - date)

List of International Scientific Publications

Peer Reviewed Journals

- [1] Micheli G.J.L., Trucco P., Sabri Y., Mancini M., “Modularisation as a system life cycle management strategy: drivers, barriers, mechanisms and impact”. *International Journal of Engineering Business Management*. Vol 11, 2018, pp 1-23.
- [2] Lapko Y., Trucco P., “Influence of power regimes on identification and mitigation of material criticality: The case of platinum group metals in the automotive sector”, *Resources Policy*. Available on line 15 September. 2018. <https://doi.org/10.1016/j.resourpol.2018.08.008>.
- [3] Onofrio R., Trucco P., “Human Reliability Analysis (HRA) in surgery: Identification and assessment of Influencing Factors”, *Safety Science*, Vol 110, 2018, pp. 110–123.
- [4] Kozine I., Petrenj B., Trucco P., “Resilience capacities assessment for critical infrastructures disruption: the READ framework (part 1)”, *Int. J. Critical Infrastructures*, Vol. 14, No. 3, 2018, pp. 199-220.
- [5] Trucco P., Petrenj B., Di Mauro C., “Resilience capacities assessment for critical infrastructures disruption: READ pilot applications (part 2)”, *Int. J. Critical Infrastructures*, Vol. 14, No. 3, 2018, pp. 221-247.
- [6] Birkie S., Trucco P., Fernandez Campos P., “Effectiveness of resilience capabilities in mitigating disruptions: leveraging on supply chain structural complexity” *Supply Chain Management: An International Journal*, Vol 22, N. 6, 2017, pp. 506-521.
- [7] Birkie S., Trucco P., Kaulio M., “Sustaining performance improvement under operational turbulence: The role of lean in engineer-to-order operations”, *International Journal of Lean Six Sigma*, Vol. 8, N. 4, 2017, pp. 457-481.
- [8] Sarker S., Azadegan A., Trucco P., “When One Size Must Fit All: How a Large MNC Centralized Its Purchasing”, *Rutgers Business Review*, Vol. 2, No. 1, 2017, pp. 32-48.
- [9] Lapko Y., Trucco P., Nuur C., “The business perspective on materials criticality: evidence from manufacturers”, *Resources Policy*, Vol. 50, 2016, pp. 93-107.
- [10] Sarker S., Engwall M., Trucco P., Feldmann A., “Internal Visibility of External Supplier Risks and the Dynamics of Risk Management Silos”, *IEEE Transactions on Engineering Management*, Vol. 63, Issue: 4, 2016, pp. 1-11. DOI: 10.1109/TEM.2016.2596144
- [11] Trucco P., Petrenj B., Bouchon S., Di Mauro C., “Ontology-based Approach to Disruption Scenario Generation for Critical Infrastructure Systems”. *Int. J. Critical Infrastructures*, Vol. 12, No. 3, 2016, pp. 248-272.
- [12] Birkie S., Trucco P., “Understanding dynamism and complexity factors in engineer-to-order and their influence on lean implementation strategy”, *Production Planning & Control*. Vol. 27, N. 5, 2016, pp. 345-359.
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- [14] Trucco P., De Ambroggi M., Leva M.C., "Topological risk mapping of runway overruns: a probabilistic approach", *Reliability Engineering and System Safety*, Vol. 142, 2015, pp. 433-443.
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