

Pos	Titolo	Tutti gli autori/Curatori (stringa originale)	Anno di pubblicazione	Titolo del volume / Atti
1	An NFC application for the process mapping automation for SMEs	Oliveri, Ludovica M.; D'Urso, Diego; Trapani, Natalia; Chiacchio, Ferdinando	2024	Procedia Computer Science
2	Industrial Symbiosis in Sicily: Perspectives and Criticalities	Agata Matarazzo, Roberta Ternullo, Sergio Arfó, Laura Cutala, Antonella Luciano, Ludovica Oliveri, Diego D'Urso, Ferdinando Chiacchio	2024	Innovation, Quality and Sustainability for a Resilient Circular Economy The Role of Commodity Science,
3	Predictive maintenance of standalone steel industrial components powered by a Dynamic Reliability Digital Twin model with Artificial Intelligence	Diego D'Urso, Ferdinando Chiacchio, Salvatore Cavaliere, Salvatore Gambadoro, Soheyl Moheb Khodayee,	2024	
4	Predictive Maintenance for Array of Cherenkov Telescopes	Salvatore Gambadoro , Salvatore Cavaliere, Alessandro Costa, Diego D'Urso, Federico Incardona, Kevin Munari, Pietro Bruno	2023	Machine Learning for Astrophysics: Proceedings of the ML4Astro International Conference
5	Detecting Anomalies: A Case Study in Predictive Maintenance of Telescopes	Salvatore Gambadoro, Salvatore Cavaliere, Diego D'Urso, Alessandro Costa	2023	Artificial Intelligence and Industrial Applications
6	Successful digital transformations enabled by technologies or by open mind? Italian case studies	Oliveri, Ludovica M.; Chiacchio, Ferdinando; D'Urso, Diego; Munnia, Alessia; Russo, Francesco	2023	4th International Conference on Industry 4.0 and Smart
7	Electrifying Green Logistics: A Comparative Life Cycle Assessment of Electric and Internal Combustion Engine Vehicles	Oliveri, Ludovica Maria; D'Urso, Diego; Trapani, Natalia; Chiacchio, Ferdinando	2023	
8	Performance Analysis of a Repairable Production Line Using a Hybrid Dependability Queueing Model Based on Monte Carlo Simulation	Chiacchio, F; Oliveri, L; Khodayee, SM; D'Urso, D	2023	
9	Improving the composting process of a treatment facility via an industry 4.0 monitoring and control solution: Performance and economic feasibility assessment	Ludovica Maria Oliveri ; Sergio Arfo ; Agata Matarazzo; Diego D'Urso; Ferdinando Chiacchio	2023	
10	Circular Economy and Industrial Symbiosis in Sicily	Ludovica Maria Oliveri., Ferdinando Chiacchio, Diego D'Urso, Agata Matarazzo, Laura Cutala, Antonella Luciano	2022	Advances in Production Management Systems. Smart Manufacturing and Logistics Systems: Turning Ideas into Action
11	A Non-Fungible Token Solution for the Track and Trace of Pharmaceutical Supply Chain	Chiacchio F.; D'Urso D.; Oliveri L.M.; Spitaleri A.; Spampinato C.; Giordano D.	2022	
12	Assessment of the optimal preventive maintenance period using stochastic hybrid modelling	D'Urso, D.; Sinatra, A.; Compagno, L.; Chiacchio, F.	2022	3rd International Conference on Industry 4.0 and Smart
13	Measuring how decision support systems improve newsvendors' performance: the subjects' version	D'Urso D.; Chiacchio F.; Demerouti E.	2021	
14	Dynamic failure rate model of an electric motor comparing the Military Standard and Svenska Kullagerfabriken (SKF) methods	D'Urso D.; Chiacchio F.; Borrometi D.; Costa A.; Compagno L.	2021	Procedia Computer Science
15	An RFID application for the process mapping automation	Urso, Orazio; Chiacchio, Ferdinando; Compagno, Lucio; D'Urso, Diego	2020	International Conference on Industry 4.0 and Smart Manufacturing (ISM 2019)
16	A decentralized application for the traceability process in the pharma industry	Chiacchio, Ferdinando; Compagno, Lucio; D'Urso, Diego; Velardita, Luca; Sandner, Philipp	2020	International Conference on Industry 4.0 and Smart Manufacturing (ISM 2019)
17	A general framework for dependability modelling coupling discrete-event and time-driven simulation	Chiacchio F.; Iacono A.; Compagno L.; D'Urso D.	2020	
18	SHyFTOD, an object-oriented Monte Carlo simulation library for the modeling of Stochastic Hybrid Fault Tree Automaton	Ferdinando Chiacchio; Jose Ignacio Aizpurua; Lucio Compagno; Diego D'Urso	2020	
19	A novel hybrid model for the estimation of energy conversion in a wind farm combining wake effects and stochastic dependability	Famoso F.; Brusca S.; D'Urso D.; Galvagno A.; Chiacchio F.	2020	
20	A stochastic hybrid automaton case study	Chiacchio F.; Iacono A.; Compagno L.; D'Urso D.	2019	Proceedings of the Summer School Francesco Turco
21	Towards a Blockchain Based Traceability Process: A Case Study from Pharma Industry	Chiacchio F.; D'Urso D.; Compagno L.; Chiarenza M.; Velardita L.	2019	IFIP Advances in Information and Communication Technology
22	Modelling and resolution of dynamic reliability problems by the coupling of simulink and the stochastic hybrid fault tree object oriented (SHyFTOO) library	Chiacchio F.; Aizpurua J.I.; Compagno L.; Khodayee S.M.; D'Urso D.	2019	
23	Performance and economic assessment of a grid-connected photovoltaic power plant with a storage system: A comparison between the North and the south of Italy	Chiacchio F.; Famoso F.; D'Urso D.; Cedola L.	2019	
24	Economic order quantity and storage assignment policies	D'Urso D., Chiacchio F., Compagno L., Lolli F., Balugani E.	2018	Proceedings of the XXIII Summer School Francesco Turco
25	How to Re-Engineer the Procurement Process Using the Value-AHP	Antonio G. Latora, Lucio Compagno, Natalia Trapani, Diego D'Urso	2018	The Analytic Hierarchy Process: Advances in Research and
26	Group decision making in Newsvendor game: a pilot human experiment	D'Urso, D.; Chiacchio, F.; Mauro, C. Di	2018	16th IFAC Symposium on Information Control Problems in Manufacturing INCOM 2018
27	Coherence region of the Priority-AND gate: Analytical and numerical examples	Chiacchio, Ferdinando*; Aizpurua, Jose Ignacio; D'Urso, Diego; Compagno, Lucio	2018	Proceedings of 6th IFAC Symposium on Information Control Problems in Manufacturing - INCOM
28	Performance assessment of domestic photovoltaic power plant with a storage system	Diego D'Urso, Ferdinando Chiacchio, Jose Ignacio Aizpurua, Lucio Compagno	2018	
29	On the use of dynamic reliability for an accurate modelling of renewable power plants	Chiacchio, Ferdinando*; D'Urso, Diego; Famoso, Fabio; Brusca, Sebastian; Aizpurua, Jose Ignacio; Catterson, Victoria M.	2018	
30	Dynamic performance evaluation of photovoltaic power plant by stochastic hybrid fault tree automaton model	Chiacchio, Ferdinando*; Famoso, Fabio; D'Urso, Diego; Brusca, Sebastian; Aizpurua, Jose Ignacio; Cedola, Luca	2018	
31	Stochastic hybrid fault tree automaton for the production forecast of PV power plant	Famoso, F.; Chiacchio, F.; Brusca, S.; D'Urso, D.	2017	Risk, Reliability and Safety: Innovating Theory and Practice - Proceedings of the 26th European Safety and Reliability
32	Supporting group maintenance through prognostics-enhanced dynamic dependability prediction	Aizpurua, J.I.; Catterson, V.M.; Papadopoulos, Y.; Chiacchio, F.; D'Urso, D.	2017	
33	A behavioural analysis of the newsvendor game: Anchoring and adjustment with and without demand information	D'Urso D; Di Mauro C; Chiacchio F; Compagno L.	2017	
34	A cost-benefit approach for the evaluation of prognostics-updated maintenance strategies in complex dynamic systems	Aizpurua, J.I.; Catterson, V.M.; Chiacchio, F.; D'Urso, D.	2017	Risk, Reliability and Safety: Innovating Theory and Practice - Proceedings of the 26th European Safety and Reliability
35	Measuring overconfidence in inventory management decisions	Ancarani A; Di Mauro C; D'Urso D	2016	
36	L' utilizzo di droni marini per la verifica di strutture e piping nei pontili e prese di acqua di mare	Compagno L; D'Urso D; Geraci C; Martino B; Morsello F; Spampinato S	2016	Atti VIII edizione VGR - Valutazione e gestione del rischio negli insediamenti civili ed industriali
37	SHyFTA, a Stochastic Hybrid Fault Tree Automaton for the modelling and simulation of Dynamic Reliability problem	Chiacchio F; D'Urso D; Compagno L; Pennisi M; Pappalardo F; Manno G	2016	
38	An application for early safety assessment to bridge the gap between design and automated dependability assessment	Chiacchio F; Romano C; Merlo F; D'Urso D; Compagno L; Parker D; Walker M; Papadopolous Y; Manno G	2016	Risk, Reliability and Safety: Innovating Theory and Practice
39	Stochastic hybrid automaton model of a multi-state system with aging: Reliability assessment and design consequences	Chiacchio F; D'Urso D; Manno G; Compagno L	2016	
40	Modelling Human Behaviour in Newsvendor Game	D'Urso D; Di Mauro C; Chiacchio F; Compagno L	2015	IFAC-PapersOnLine
41	Measuring overconfidence in inventory management decisions	Ancarani A; Di Mauro C; D'Urso D	2015	Contract design in service triads: The role of buyer inputs
42	Behavior in the Newsvendor Game: an Anchoring and Adjustment Approach	D'Urso Diego; Chiacchio Ferdinando; Compagno Lucio	2015	Research in the Decision Sciences for the Service Economy
43	Hybrid-pair modelling in dynamic reliability: Concepts, tool implementation and applications	Manno G; Zymaris A; Chiacchio F; D'Urso D; Compagno L	2015	Proceedings of 25th European Safety and Reliability Conference
44	Integrating HSE Quality Systems Using a Hazards Priority Report Based on the AHP Methodology	D'Urso D; Latora A.; Martino B.; Nicolosi F.; Aprile G.; Compagno L.	2014	ISAHF 2014 Proceedings
45	Conception of Repairable Dynamic Fault Trees and Resolution by the use of RAATSS, a Matlab® Toolbox Based on the ATS Formalism	Chiacchio F; Compagno L; D'Urso D; Manno G; Trapani N	2014	
46	MODELING A WRONG MAINTENANCE POLICY	D'Urso D	2013	25th European Modeling and Simulation Symposium, EMS5 2013
47	SOLVING SMALL TSP ACCORDING TO THE PRINCIPLE OF MINIMUM ACTION	D'URSO D; Cannemi M.	2013	25th European Modeling and Simulation Symposium, EMS5 2013
48	A human experiment on inventory decisions under supply uncertainty	Ancarani A; Di Mauro C; D'Urso D	2013	
49	The Value-Analytic Hierarchy Process: A Lean Multi Criteria Decision Support Method	Compagno L; D'Urso D; Latora AG; Trapani N	2013	Manufacturing Modelling, Management, and Control
50	Measuring over-confidence in supply management: an application to purchasing decisions	Ancarani A; Di Mauro C; D'Urso D	2013	Capitalism in Question