1. Record Nr. UNISA996465454203316

Titolo	Advances in Production Management Systems. The Path to Digital Transformation and Innovation of Production Management Systems [[electronic resource]] : IFIP WG 5.7 International Conference, APMS 2020, Novi Sad, Serbia, August 30 – September 3, 2020, Proceedings, Part I / / edited by Bojan Lalic, Vidosav Majstorovic, Ugljesa Marjanovic, Gregor von Cieminski, David Romero
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
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Descrizione fisica	1 online resource (693 pages)
Collana	IFIP Advances in Information and Communication Technology, , 1868-4238 ; ; 591
Disciplina	658.5
Soggetti	Computer-aided engineering Application software Computer organization Artificial intelligence Coding theory Information theory E-commerce Computer-Aided Engineering (CAD, CAE) and Design Information Systems Applications (incl. Internet) Computer Systems Organization and Communication Networks Artificial Intelligence Coding and Information Theory e-Commerce/e-business
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Advanced Modelling, Simulation and Data Analytics in Production and Supply Networks -- A Robust Multi-Commodity Rebalancing Process in Humanitarian Logistics -- Towards a unified reliability-centered information logistics model for production assets -- Characterization

of energy consumers in production systems with renewable on-site power generation -- A simulation model supporting the production optimization for high-precision machines assembly -- Agent-Based Modeling and Analysis of Dynamic Slab Yard Management in a Steel Factory -- A Simulation Analysis of Part Feeding to Assembly Stations with Vertical Robotic Storage and Retrieval -- Process Mining in Manufacturing: Goals, Techniques and Applications -- Bayesian Modelling for Product Testing and Release -- Advanced, Digital and Smart Manufacturing -- The Use of Organizational Innovation Concepts in Manufacturing Companies -- Systems Engineering Approach to Identify Requirements for Digital Twins Development -- Manufacturing Operations Management for Smart Manufacturing – A Case Study -- Industry 4.0 on demand: a value driven methodology to implement Industry 4.0 -- Gamification of Operational Tasks in Manufacturing - A Literature Review -- Technology Adoption in the Industry 4.0 Era: Empirical Evidence from Manufacturing Companies -- Towards the definition of an Impact Level factor of SME features over Digital Transformation -- Industry 4.0: maturity of automotive companies in Brazil for the digitization of processes -- General readiness assessment of Industry 4.0: Evidence from Serbian manufacturing industry -- Digital and Virtual Quality Management Systems -- Assembly issue resolution system using machine learning in aero engine manufacturing -- Introduction to Material Feeding 4.0: strategic, tactical, and operational impact -- Cloud-Manufacturing -- Cycle Time Estimation Model for Hybrid Assembly Stations based on Digital Twin Concept -- Cyber-Physical Production Systems and Digital Twins -- Digital Shadows as an enabler for the internet of production -- The transformation towards smart(er) factories: integration requirements of the digital twin -- IIOT Interoperability -- Towards inter-operable enterprise systems – graph-based validation of a context-driven approach for message profiling -- Supply Chain Planning and Optimization -- Software-based Assistance System for Decision Support on Supply Chain Level -- Integration of triple sustainable management by considering multi-period supply chain for next-generation fuel -- Potential benefits of Reverse Blending in the fertilizer industry -- Effectiveness of Vendor Managed Inventory [VMI] in Explosive Inventory Management -- Value chain integration – a framework for assessment -- A dynamic hybrid Berth Allocation Problem with routing constraints in bulk ports -- Blockchain-based secured collaborative model for supply chain resource sharing and visibility -- Gripper types and components in robotic bin picking -- A stochastic model for a two-level disassembly lot-sizing problem under random lead time -- Digital and Smart Supply Chain Management -- ERP in Industry 4.0 Context -- Identifying the opportunities for enhancing the digital readiness level of the supply chain -- Intelligent Logistics Networks Management -- The Role of Last-Mile Delivery in the Future of E-commerce -- Production-storage and transport integratedplanning for a multi-site mining industry -- Artificial Intelligence and Blockchain Technologies in Logistics and DSN -- Evaluating a Blockchain-based supply chain purchasing process through simulation -- Questionnaire model for paraconsistent quality assessment of software developed in Sales Force -- Novel Production Planning & Control Approaches -- Supporting the Decision of the Order Processing Strategy by using Logistic Models: A Case Study -- Order acceptance and scheduling with a throughput diagram -- Machine Learning and Artificial Intelligence -- Machine Learning-Supported Planning of Lead Times in Job Shop Manufacturing -- Connected, Smart Factories of the Future -- Identifying Key Business Processes that Can

Benefit from Industry 4.0 in the Gas Sector, The Public Gas Distribution Networks Case in Greece -- The impact of Industry 4.0 connectivity on the collaboration along Brazilian automotive supply chain -- Manufacturing Systems Engineering: Agile, Flexible, Reconfigurable -- Towards a reference model for configuration of reconfigurable manufacturing system (RMS) -- Automatic Design of Dispatching Rules with Genetic Programming for Dynamic Job Shop Scheduling -- A Literature review on the Level of Automation and new approach proposal -- De-risking investments in industrial systems using Real Options Analysis: Case of chemical industry -- Data-driven Replenishment Method Choice in a Picking System -- Business Process Management for Manufacturing Execution System deployment: some lessons from a bearings manufacturer experience -- An Application of a DSML in Industry 4.0 Production Processes -- Towards an Industry-Applicable Design Methodology for Developing Reconfigurable Manufacturing -- Reconfigurable Manufacturing: Lesson Learnt from the COVID-19 Outbreak -- Digital Assistance Systems: Augmented Reality and Virtual Reality -- Virtual and Augmented reality as a digital support to HR systems in production management -- Application of Virtual Reality Technologies for Achieving Energy Efficient Manufacturing: Literature Analysis and Findings -- Smart Products in Smart Manufacturing Systems: An Opportunity to Utilize AR? -- Evaluation of Augmented Reality in Industry -- Circular Products Design and Engineering -- Finding and Capturing Value in e-Waste for Refrigerators Manufacturers and Recyclers -- Circular, Green, Sustainable Manufacturing -- Sustainable Business Model Innovation in Furniture Supply Chain: A Case Study -- A basic study on scheduling method for electric power saving of production machine -- Sustainability in fabric chains and garments for a circular economy -- Planning environments of hospital laboratories: An exploratory study -- Knowledge and practices towards sustainability and circular economy transitions: A Norwegian manufacturing perspective -- A methodology to integrate sustainability evaluations into vendor rating -- Environmental and Social Lifecycle Assessments -- Travel-Times Analysis and Passenger Transport Disutilities in Congested American Cities: Los Angeles, New York, Atlanta, Austin, and Chicago -- Socio-Cultural Aspects in Production Systems -- The interdependencies of Quality Management, Knowledge Management and Innovation Performance. A literature review -- Insights from a top-down lean subprogram deployment in a corporate group: The use of deployment tactics -- Tools for Evaluating Human Factor Aspects in Production and Logistics System -- Economy and its symbiosis with Circularity -- Data-driven Manufacturing and Services Operations Management -- First Steps to the Digital Shadow of Maintenance Services' Value Contribution -- Reshoring of service operations: evidence from a Delphi study -- Digital and physical testbed for production logistics operations -- Principles and Research Agenda for Sustainable, Data-Driven Food Production Planning and Control -- Product-Service Systems in DSN -- Agile guideline for development of smart services in manufacturing enterprises with support of artificial intelligence -- Collaborative Design and Engineering -- Framework for identifying gripper requirements for collaborative applications in manufacturing -- A novel value driven co-creation framework -- Autonomous mobile robots in hospital logistics -- Interorganizational learning in manufacturing industry.

Sommario/riassunto

The two-volume set IFIP AICT 591 and 592 constitutes the refereed proceedings of the International IFIP WG 5.7 Conference on Advances in Production Management Systems, APMS 2020, held in Novi Sad, Serbia,

in August/September 2020. The 164 papers presented were carefully reviewed and selected from 199 submissions. They discuss globally pressing issues in smart manufacturing, operations management, supply chain management, and Industry 4.0. The papers are organized in the following topical sections: Part I: advanced modelling, simulation and data analytics in production and supply networks; advanced, digital and smart manufacturing; digital and virtual quality management systems; cloud-manufacturing; cyber-physical production systems and digital twins; IIOT interoperability; supply chain planning and optimization; digital and smart supply chain management; intelligent logistics networks management; artificial intelligence and blockchain technologies in logistics and DSN; novel production planning and control approaches; machine learning and artificial intelligence; connected, smart factories of the future; manufacturing systems engineering: agile, flexible, reconfigurable; digital assistance systems: augmented reality and virtual reality; circular products design and engineering; circular, green, sustainable manufacturing; environmental and social lifecycle assessments; socio-cultural aspects in production systems; data-driven manufacturing and services operations management; product-service systems in DSN; and collaborative design and engineering Part II: the Operator 4.0: new physical and cognitive evolutionary paths; digital transformation approaches in production management; digital transformation for more sustainable supply chains; data-driven applications in smart manufacturing and logistics systems; data-driven services: characteristics, trends and applications; the future of lean thinking and practice; digital lean manufacturing and its emerging practices; new reconfigurable, flexible or agile production systems in the era of industry 4.0; operations management in engineer-to-order manufacturing; production management in food supply chains; gastronomic service system design; product and asset life cycle management in the circular economy; and production ramp-up strategies for product.

2. Record Nr. UNINA9910971457803321

Autore	Office International Labour
Titolo	Safety Recommendations for Decked Fishing Vessels of Less than 12 metres in Length and Undecked Fishing Vessels
Pubbl/distr/stampa	Geneva : , : International Labour Organization, , 2013
ISBN	92-2-127449-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (267 pages)
Disciplina	363.11 363.1196392
Soggetti	Fishers -- Health and hygiene Fishing boats -- Safety measures Fishing boats - Safety measures Fishing boats - Safety regulations Fisheries - Safety measures Fisheries - Health aspects Fishers - Health and hygiene Ships - Safety regulations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover; Title page; Copyright; Abstract; Preface; Chapter 1 General Provisions; 1.1 Purpose and scope; 1.2 Definitions; 1.3 Measurements; 1.4 Maintenance and surveys; 1.5 Equivalents; Chapter 2 Construction, watertight integrity and equipment; Part 1 General; 2.1 Purpose and scope; 2.2 Construction, material and structure; 2.3 Inlets and discharges; Part 2 Undecked Vessels; 2.4 Drainage of partial decks; 2.5 Securing of heavy items; 2.6 Anchoring and mooring equipment; Part 3 Decked Vessels; 2.7 Construction; 2.8 Hull integrity; 2.9 Weather tight doors; 2.10 Hatchways 2.11 Machinery space openings 2.12 Other deck openings; 2.13 Ventilators; 2.14 Air pipes; 2.15 Sounding devices; 2.16 Windows and skylights for decked vessels of design categories A and B; 2.17 Freeing ports; 2.18 Anchoring and mooring equipment; 2.19 Working spaces within an enclosed superstructure; 2.20 Tanks for fish in refrigerated seawater (RSW) or chilled seawater (CSW); 2.21 Drainage of partial

decks; 2.22 Securing of heavy items; Chapter 3 Stability and associated seaworthiness; 3.1 General; 3.2 Stability criteria for decked vessels of all design categories
3.3 Alternative stability criteria for decked vessels of all design categories 3.4 Stability criteria for undecked vessels; 3.5 Summary table of stability criteria for decked and undecked vessels; 3.6 Flooding of fish-holds for vessels of design categories and B; 3.7 Particular fishing methods; 3.8 Operating conditions for vessels of design categories and B; 3.9 Ice accretion; 3.10 Inclining test for decked vessels; 3.11 Built-in buoyancy for undecked vessels; 3.12 Stability information; 3.13 Portable fish-hold divisions; 3.14 Bow height; 3.15 Maximum permissible operating draught
Chapter 4 Machinery and electrical installations Part 1 Machinery; 4.1 General; 4.2 Propulsion machinery and stern gear; 4.3 Shaft and propeller; 4.4 Engine starting; 4.5 Controls and instruments; 4.6 Steering gear; 4.7 Pumping and piping systems; 4.8 Ventilation of the engine room; Part 2 Electrical installations; 4.9 Main source of electrical supply; 4.10 Emergency source of electrical power; 4.11 Precautions against shock, fire and other hazards of electrical origin; 4.12 Electrical systems; 4.13 Earthing and bonding; 4.14 Lighting systems; 4.15 Electric motors; 4.16 Lightning conductors
4.17 Anodes 4.18 Equivalency; Chapter 5 Fire protection and fire fighting; Part 1 General; 5.1 Structure; 5.2 Maintenance of fire-fighting appliances; 5.3 Heating installations; 5.4 Storage of gas cylinders; 5.5 Requirements for fire-fighting appliances; 5.6 Miscellaneous items; Part 2 Undecked vessels; 5.7 Number of fire-fighting appliances; Part 3 Decked vessels; 5.8 Number of fire-fighting appliances; 5.9 Fire-fighting appliances for machinery spaces; 5.10 Ventilation systems; Chapter 6 Protection of the crew; 6.1 General protective measures; 6.2 Deck openings and doors
6.3 Bulwarks, rails and guards

Sommario/riassunto

The safety recommendations contained in this publication are the result of the continuing cooperation between the Food and Agriculture Organization of the United Nations (FAO), the International Labour Organization (ILO) and the International Maritime Organization (IMO), in the relation to the safety of fishing vessels. These recommendations seek to provide information on the design, construction, equipment, training and protection of the crews of small fishing vessels with a view to promoting the safety of the vessel and the safety and health of the crews.