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Sommario/riassunto

This book presents papers submitted at 32nd International Conference on Organization and Technology of Maintenance (OTO 2023) held on December 12, 2023, at Osijek, Republic of Croatia. The objective of this conference is to promote, standardize, and support efforts to gain new knowledge in areas that are intimately tied to technical and social systems and where maintenance of any kind is of utmost importance. By bringing together experts from various fields, this conference aims to foster collaboration and the exchange of ideas, ultimately leading to advancements in both technical and social systems. Additionally, it seeks to create a platform for discussing best practices and innovative approaches in maintenance, ensuring the sustainability and efficiency of these systems in the long run. Furthermore, the upkeep of technological and social systems, along with their accessibility and dependability, significantly influences the long-term sustainability and economic feasibility of their functioning. Periodic and condition-based maintenance are integral components of the various systems, influencing their operational efforts and outcomes. By providing a space for professionals to exchange ideas and experiences, this platform facilitates the identification and implementation of cutting-edge maintenance strategies. Moreover, it recognizes the importance of addressing emerging challenges such as digitalization and environmental impact in order to ensure the continued effectiveness of these systems. Conference topics will address maintenance challenges in the areas of machine design, maintenance technologies in general, organization and management of maintenance proposals and procedures, quality management in system maintenance, information systems, product life cycle management, design for maintainability, material and structural properties, diagnosis and prediction of failures and breakdowns, design optimization for maintenance, analysis of maintenanceefficiency and cost-effectiveness, civil, mechanical and electrical engineering, etc.