Record Nr. UNINA9910255275803321 Autore Abeyratne Ruwantissa Titolo Megatrends and Air Transport: Legal, Ethical and Economic Issues / / by Ruwantissa Abeyratne Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2017 **ISBN** 3-319-61124-0 Edizione [1st ed. 2017.] 1 online resource (253 pages) Descrizione fisica 006.3 Disciplina Soggetti Law of the sea International law Artificial intelligence Law of the Sea, Air and Outer Space Artificial Intelligence Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references at the end of each chapters and index. Nota di contenuto Megatrends and air transport – An overview -- Global balance of power and aviation -- E-trends and air transport -- Effect of megatrends on airports -- Artificial intelligence and air transport -- Millennials and disruptive innovation -- The internet of everything -- Conclusion. Sommario/riassunto This book discusses megatrends and subsequently applies them to the air transport industry from a legal, ethical and economic perspective. Starting with a detailed discussion on what these megatrends are, the book provides an essential overview of megatrends and air transport, including analytical discussions on how megatrends could affect basic issues such as nationalism and sovereignty, market access in air transport, and commercial space transport. It also delves into the rights

of the airline passenger as affected by megatrends. Further, the book analyses a broad range of topics, including: the digital transformation of air transport; technology and air transport; robotic pilots and their legal ramifications; the human-robot interface and the law with focus on the pilot; cognitive computing; and issues of empowerment and connectivity. It discusses in detail United Nations initiatives and initiatives of the International Civil Aviation Organization, considering

aspects such as: the new world order; e-trends and air transport; apps that make air travel easier; and apps designed to help the aviation authorities. Further topics include artificial intelligence and air transport and related technical, ethical and economic issues, as well as a legal inquiry into manufacturer's defects; design defects; and liability for failure to warn of defects. Questions are posed and answers provided on the effects of artificial intelligence and legal issues stemming from its use in air transport. Two major discussions follow on millennials and air transport, and on the Internet of everything as related to air transport. The conclusion ties in megatrends with air transport and offers the industry a way forward for adapting to these trends.