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Keynote Speaker – Keynote Sessions



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Topic: COVID-19 Pandemic and Air Transportation: A Survey of Recent Research and Directions for Future Research

Abstract

This paper aims to analyse and understand the impact of the COVID-19 pandemic on aviation and also the role aviation has played in the spread of COVID-19, by reviewing the recent scientific literature. We shall collect papers on the subject published mainly in the year 2021 and grouped them according to their major application domains, leading to (for example) the following categories: Analysis of the global air transportation system during COVID-19, the impacts on the passenger-centric flight experience, and the long-term impacts on broad aviation. Based on the findings aggregated from the literature, the paper will conclude with a set of recommendations for future research directions; hopefully helping aviation to prepare for a post-COVID-19 world.

Biography

Prof. Anming Zhang is a Full Professor in Operations and Logistics and holds Vancouver International Airport Authority Chair Professor in Air Transportation at Sauder School of Business, University of British Columbia (UBC). He served as the Head of the Operations and Logistics Division, Sauder School of Business (2003-2005), and as the Director of UBC's Centre for Transport Studies (2003-2004). He is the President of

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the World Air Transport Research Society (ATRS) and was, in 2020, the President of Transportation and Public Utilities Group (TPUG) of American Economic Association. Dr Zhang is the recipient of the “Yokohama Special Prize for Outstanding Young Researcher” awarded at the 7th World Conference on Transportation Research (WCTR) in Sydney, Australia in 1995, and of the “WCTR-Society Prize”, awarded to the overall best paper of the 8th WCTR in Antwerp, Belgium, in 1998. In June 2014, he won the “Best Overall Paper Prize” at the annual ITEA (International Transport Economics Association) Conference on Transportation Economics, Toulouse School of Economics, France. Currently, he is also in the Executive Committee of WCTR.

Dr Zhang has published about 200 refereed journal papers and 30 book chapters in the areas of transportation, logistics, industrial organization, and Chinese economy. He has co-authored two books: Globalization and Strategic Alliances: The Case of the Airline Industry, 2000, Pergamon Press, Oxford; and Air Cargo in Mainland China and Hong Kong, 2004, Ashgate, London (*Chinese editions* published both in Hong Kong and Mainland China). He is the Associate Editor of Transportation Research Part A and is in the editorial boards of a number of other journals.

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