

## International Forum on Shipping, Ports and Airports (IFSPA) 2022

16<sup>th</sup> to 20<sup>th</sup> May 2022 | The Hong Kong Polytechnic University

A hybrid mode of an online and face-to-face conference

### Keynote Speaker – School Sessions



#### Dr Achim I. Czerny

Associate Professor

Department of Logistics and Maritime Studies, The Hong Kong Polytechnic University

**Topic: The Theory of Airport Networks**

#### Abstract

This presentation describes three dimensions by which airport networks can be distinguished and developed. The first dimension captures the difference between central and local decision makers. The second dimension captures the difference between local and non-local passengers. The third dimension captures the difference between local and non-local airlines and airline profits. Examples for the research questions that can be addressed by the different types of networks are discussed by focussing on questions related to airport congestion management. It is shown that the market outcomes are extremely sensitive with respect to network specifications.

#### Biography

**Dr Achim I. Czerny** is Associate Professor at the Department of Logistics and Maritime Studies (LMS), Hong Kong Polytechnic University, and Director of an undergraduate academic program in Aviation Management and Logistics. Previously he was employed at the VU University of Amsterdam, Department of Spatial Economics, and the WHU – Otto Beisheim School of Management. He is an Executive Committee member of the Air Transport Research Society, a Board member of the German Aviation Research Society, and Associate Editor of the Journal of Shipping and Trade. He studied Economics at the TU Berlin and holds

Organized By:

a doctoral degree in Economics from the TU Berlin. He has published in transportation journals and economics journals including, for example, Transport Research Part A, B, E, Economics of Transportation, and Journal of Economic Behavior and Organization.

Organized By:



**Faculty of  
Business**  
工商管理學院

Department of  
**LOGISTICS  
& MARITIME  
STUDIES**  
物流及航運學系

