



17th GARS Junior Research Workshop European Prizes in Aviation Economics and Management

5-6 June 2020, Online-Workshop

In cooperation with GARS, Bremen University of Applied Sciences and the Hogeschool van Amsterdam, The Hong Kong Polytechnic University is happy to host the 17th GARS Junior Workshop on 5-6 June 2020. The workshop will be conducted online for the first time in order to facilitate participation of presenters and discussants. All submitted papers independent of whether they are work in progress, preliminary drafts or final drafts will be evaluated by experienced reviewers. All submissions to the GARS Junior Workshop will be considered for the Best Paper Prizes sponsored by The Hong Kong Polytechnic University and Routledge. There are two prizes in the categories Bachelor and Master (up to 400 EUR) as well as PhD (up to 600 EUR) as well as book vouchers. The handover ceremony will be held during the 9th European Aviation Conference, "Getting real about emissions and aviation: Let's not waste another decade", to be held at Heilbronn University of Applied Science in 2021 (postponed from 2020). For more information about the European Aviation Conference, please check the conference website www.eac-conference.com. A special feature of this year's Junior Workshop is the GARS School in Air Transport Economics for GARS members, which will also be conducted online.

FINALIZED PROGRAM

Friday 5 June 2020

09:00-09:15	<i>Welcome by GARS, Workshop outline and "technical check-in"</i>
09:15-09:55	Willy Kruse, University of Westminster Air passenger traffic between Europe and Asia – A Comparison between direct and indirect services. Discussant: Sven Maertens, DLR
09:55-10:35	Charles Howell, Universitat Autònoma de Barcelona The Role of Product Differentiation in Profit Change: An Analysis of the US Airline Discussant: Peter Forsyth, Monash University
10:35-11:00	<i>Break</i>
11:00-11:40	Sebastian Weber, Technische Universität Chemnitz A systematic overview of airport-airline cooperation forms in Germany Discussant: Frank Fichert, HS Worms - University of Applied Sciences
11:40-12:20	Mengying Fu, Bauhaus Luftfahrt Analyzing visions towards sustainable aviation - demand analysis of electric regional air transport Discussant: Wolfgang Grimme, DLR
12:20-13:20	<i>Break</i>
13:20-14:00	Lukas Preis, Bauhaus Luftfahrt Concept of Operations for Urban Air Mobility: A Summary of Essential Topics Discussant: Florian Allroggen, MIT Laboratory for Aviation and Environment
14:00-14:40	Nimra Khan, Dublin City University Biometric Borders: An Analysis of the Biometric Entry Exit Program by U.S. Customs and Border Protection (CBP) with a focus on U.S. Pre-clearance facilities at Dublin Airport Discussant: Xiaowen Fu, The Hong Kong Polytechnic University
14:40-15:00	<i>Break</i>
15:00-16:00	<i>Keynote lecture</i> by Alexandre Jacquillat, Assistant Professor of Operations Research and Statistics at the MIT Sloan School of Management: A new take on the air traffic flow management problem by considering passenger itineraries (as opposed to flight itineraries only), using machine learning and optimization

Saturday 6 June 2020

09:00-09:15	<i>Welcome by GARS and technical check-in</i>
09:15-09:55	Amir Brudner, Hebrew University of Jerusalem Big data and platform competition: The case of a multi-airport systems Discussant: Achim I. Czerny, The Hong Kong Polytechnic University
09:55-10:35	Soumya Jain, Indian Institute of Technology Delhi Privatization Potential of Public-owned Airports Discussant: Nicole Adler, Hebrew University of Jerusalem
10:35-11:00	<i>Break</i>
11:00-11:40	Hanxiang Zhang, HK PolyU Welfare and distributional outcomes of laissez faire, profit maximization and welfare maximization: It's complicated. Discussant: Benny Mantin, University of Luxembourg
11:40-12:20	Zhiyuan Liang, Beijing Jiaotong University Equilibrium and Welfare Analyses of Peak-Load Pricing Policy In a Transportation Model of Strategic Firms and Heterogeneous Commuters Discussant: Achim I. Czerny, The Hong Kong Polytechnic University
12:20-13:20	<i>Break</i>
13:20-14:00	Hongyi Gu, HK PolyU. Can entry of high-speed rail increase air traffic? Price competition, travel time difference and catchment expansion Discussant: Christiaan Behrens, VU University Amsterdam
14:00-14:40	Hao Lang, HK PolyU. Carrier collaboration with endogenous networks: Or, the limits of what carrier collaboration can achieve under antitrust immunity Discussant: Volodymyr Bilotkach, Singapore Institute of Technology

From 15:30: GARS School in Air Transport Economics (see separate program)

For registration, please click <https://polyu.hk/gRpYr>. For further information, please check www.garsonline.de or contact anne-ly.wong@polyu.edu.hk.

Registered participants will be provided with a link to join the online workshop.