

20th GARS Junior Research Workshop

European Prizes in Aviation Economics and Management

8-9 June 2023, Hybrid Workshop in Amsterdam

GARS and the Hogeschool van Amsterdam (Aviation Academy – Faculty of Technology) are happy to host the 20th GARS Junior Workshop on 8-9 June 2023 in hybrid format, which is supported by the Air Transport Research Society (ATRS), the Bremen University of Applied Sciences, The Hong Kong Polytechnic University and airliners.de.

Contact to fellow researchers is often limited especially in the early stages of an academic career. The GARS Junior Workshop is an ideal and rather informal platform to share aviation-related research work with other students and experienced researchers in the field. We accept unpublished papers stemming from an ongoing thesis project, or from a thesis project which was completed within the last 2 years (since June 2021). Submitted papers may be work in progress, preliminary drafts or final drafts. All submissions will be evaluated by experienced reviewers. This year's workshop will include paper presentations and "one-slide/poster sessions". The latter involves offline poster presentations or one-slide presentations in parallel online sessions (the idea is that participants can freely switch from one online session to another). Another feature is the GARS School in Air Transport Economics for GARS members (June 10-11) (see a separate call for the details).

All submissions to the GARS Junior Workshop will be considered for the Best Paper competitions in the categories Bachelor/Master and PhD. The papers are assessed by distinguished scholars in the field of aviation economics and aviation management, and the prize is awarded by the members of the Scientific Committee of the European Aviation Conference. The prize money is sponsored by the Hong Kong Polytechnic University (Bachelor/Master up to 400 Euro and PhD up to 600 Euro) and book vouchers are sponsored by Routledge. The hand-over ceremony will be held during the annual European Aviation Conference.

FINAL PROGRAM (subject to last-minute amendments)

Oral presentations should in any case not exceed 15-20 min

Discussion by discussants: 5 min – Additional questions and discussion: 10 min

8 June 2023

Location: WBH 02B01 unless stated otherwise

08-Jun	1100-1115	Welcome by Achim Czerny (GARS), Workshop outline and "technical check-in" Location: WBH 01B50		
08-Jun	1115-1215	Keynote	Sun, Xiaoqian	<i>Keynote Day 1: Integrated Optimization Problems in Air Transportation Network</i>
08-Jun	1215-1300	BA	Devine, Sophie	Is a 'Hybrid Hardening' © approach appropriate to the Aviation Industry? Discussant: Achim Czerny, The Hong Kong Polytechnic University
08-Jun	1300-1420	Lunch Break, Location: Cantene		
08-Jun	1420-1500	PHD	Pauwels, Jolien	The Economic Impact of Airports: a Case Study of Brussels Airport Discussant: Frank Fichert, Worms University Applied Sciences
08-Jun	1500-1540	PHD	Liu, Yinfei (Online)	How (green) subsidies limit the effect of (carbon) taxes: The example of car sales in China (Online) Discussant: Tolga Ülkü, IU / airliners.de
08-Jun	1540-1620	Poster & Coffee, Location: WBH 01B50		
08-Jun	1540-1620	BA	Zheng, Xuerou; Chen, Siran (Online)	<i>How can the Greater Bay Area aviation center contribute to climate change problem? (Online poster)</i> Discussant: Benny Mantin, University of Luxemburg
08-Jun	1540-1620	PhD	Kalliga, Vasiliki	<i>Business Model Development and Optimization of Vertiport Costs (Poster)</i> Discussant: Leyla Adiloğlu, Özyeğin University

08-Jun	1540-1620	PhD	Zhu, Yiwen	Network Optimization of Long-Haul Flights: CO ₂ Emission Reduction Potential through Aircraft Sharing and Passenger Bundling (Poster) Discussant: Ane Elixabete Ripoll-Zarraga, Researcher in Air Transport
08-Jun	1620-1700	PHD	Gu, Hongyi	Airline Scheduling under High-Speed Rail Competition Discussant: Ian Douglas, University of New South Wales, Sydney
08-Jan	1700-1740	PhD	Jaekel, Johannes	The requirements and the efficiency analysis of the lower approach airspace Discussant: Ane Elixabete Ripoll-Zarraga, Researcher in Air Transport

9 June 2023

Location: WBH 02B01 unless stated otherwise

09-Jun	0845-0900	Check-in, Location: WBH 01B50		
09-Jun	0900-0940	PhD	Jia, Xibei	How do airports align with sustainability? An analysis of the world's 150 busiest airports Discussant: Catya Zuniga, Hogeschool van Amsterdam
09-Jun	0940-1020	PhD	Michielsen, Stijn	The increasing importance of aviation in cross-border e-commerce: a historical analysis Discussant: Achim Czerny, The Hong Kong Polytechnic University
09-Jun	1020-1040	Coffee Break, Location: WBH 01B50		
09-Jun	1040-1120	PhD	Van Bockstaele, Vincent	Solving the mystery of discrepancies and double counting in air cargo through demand and supply big data analysis Discussant: Hanxiang Zhang, Cathay Pacific
09-Jun	1120-1210	PhD	Zhang, Hanxiang	<i>Closing speech(es): 1. Data Science at Cathay Pacific & 2. Dynamic pricing in Europe: Competition effects on price dispersions</i>
09-Jun	1210-1330	Lunch Break, Location: Cantene		

Venue:

Amsterdam University of Applied Science
Wibauthuis, Wibautstraat 3b, 1091 GH Amsterdam

Hotel options nearby:

Volkshotel, Wibautstraat 150, CitizenM, Sarphatistraat 47, Hotel Allure, Sarphatistraat 117, Hyatt Regency, Sarphatistraat 104

Registration

<https://www.amsterdamuas.com/aviation/form/subsites/aviation/en/2023/gars-workshop-2023.html?origin=b2b39df4-61a3-48f7-8ecb-4a1865155e51>

and further information: www.garsonline.de

Zoom links for online participants

<https://polyu.zoom.us/j/99376895344?pwd=K2tFVTI0U214eWUrTIBHRkVFafZzd09>

Meeting ID: 993 7689 5344, Passcode: 376599

Participation is free of charge, but the organizers highly encourage all participants to become members of the German Aviation Research Society. The membership form can be found online: www.garsonline.de.

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