

## 21st GARS Junior Workshop (JRW) European Prizes in Aviation Economics and Management

20-21 June 2024 in Antwerp (Belgium)

GARS and the University of Antwerp (Department of Transport and Regional Economics) are happy to host the 21st GARS Junior Research Workshop (JRW) at the University of Antwerp in Belgium on 20-21 June 2024. The workshop is supported by The Hong Kong Polytechnic University, Routledge, the Air Transport Research Society (ATRS), the Bremen University of Applied Sciences (HSB), and airliners.de.

Contact with 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. It includes paper and poster presentations stemming from ongoing projects (Bachelor, Master/MBA, PhD/doctoral studies) or from a thesis project completed within the last two years. Submitted papers may be work in progress, preliminary drafts or final drafts.

All complete paper submissions will be evaluated by experienced reviewers in the field of aviation economics and aviation management and considered for the Best Paper competitions in the two categories (Bachelor/Master/MBA, and PhD/doctoral studies) to be awarded by the Scientific Committee of the European Aviation Conference (EAC) 2024 in Antwerp (Nov 27-29). The prize money is sponsored by The Hong Kong Polytechnic University (Bachelor/Master/MBA up to 400 euros and PhD/doctoral studies up to 600 euros). Book vouchers are sponsored by Routledge.

### PROGRAMME\*

#### Oral presentation slot time 30 minutes:

Oral presentations shall not exceed 15 minutes.

Discussion by a discussant: 5-10 minutes.

Questions, and group discussion: 5-10 minutes.

*\*The Chair reserves the right for last-minute changes according to unforeseen circumstances.*

#### 20 June 2024 (9.00-17.30)

20-June		Check-in		
9.00-9.15				
9.15-9.30	<b>Welcome by the GARS Board: Achim Czerny, Sven Maertens &amp; Ane Elixabete Ripoll-Zarraga</b>			
9.30-10.00	University of Antwerp	PhD	Jolien Pauwels	Insights in Diversity: Clustering Western European Regional Airports
10.00-10.30	Cranfield University	PhD	Daniel Cook	The effects of COVID-19 pandemic on the social and financial performance of hub airports
10.30-11.00	TU Dresden	PhD	Kaja Mummert	Efficiency of airport charges' package
<b>11.00-11.30</b>		<b>Coffee Break</b>		
11.30-12.00	German Aerospace Center (DLR)	PhD	Maurice Timmer	Sustainable Airport Development: A financial modelling approach for informed decision making and technology assessment
12.00-12.30	University of Antwerp	PhD	Xibei Jia	Is Sustainability a Two-Way Runway? Exploring the Causal Dynamics Between Airports and Regional Sustainability
<b>12.30-13.30</b>		<b>Lunch Break</b>		

12.30-13.30		Lunch Break		
13.30-14.00	University College London (UCL)	PhD	Boning Yang	Modelling Airport Competition: Application for the UK Domestic Network <b>(Online)</b>
14.00-14.30	Nanjing Audit University & University of Luxembourg	PhD	Xi Wan	Deregulation and Efficiency in Slot-Constrained Airports <b>(Online)</b>
14.30-15.00	Zhejiang University	MA	Yu Liu	Flight retiming problem under time-dependent uncertainty <b>(Online)</b>
15.00-16.00		Poster Session with Coffee		
Poster	Buckinghamshire New University	PhD	Irfan Ali Baper	Examining airport marketing strategies for air cargo and the development of cargo focussed air routes: The case of UK airports (PhD)
Poster	Hogeschool van Amsterdam	BA	Tijmen Kaspers	Impact of vehicle emissions on Schiphol staff: current trends and projections for 2030 (BA)
Poster	École nationale de l'aviation civile (ENAC)	PhD	Qian Liu	A Novel Pairwise Competitive Intensity Indicator for Airlines (PhD)
Poster	Hochschule Bremen	MA	David Rabek	Hub Airport Competition (MA)
Poster	Hochschule Bremen	PhD	Rahul Subash	NOx Emission Charges in Europe (PhD)
16.00-17.00				
16.00-16.30	Frankfurt University of Applied Sciences	MA	Niclas Schreiber	Modelling the Benefits of ONE Record Data Exchange Standard Adoption in the air cargo transport chain
16.30-17.00	University of Antwerp	PhD	Vincent Van Bockstaele	The dynamic freighter network - A big data perspective on the flexibility and behaviour of freighters in air transportation
17.00-17.30		Closing Remarks		

#### 21 June 2023 (8.45-14.00)

21-June	8.45-9.00	The GARS Board: <i>Achim Czerny, Sven Maertens &amp; Ane Elixabete Ripoll-Zarraga</i>		
9.00-9.30	Massey University	PhD	Ajai Jayathilakan	Analysing key drivers affecting expenditure and operating revenue of Indian airlines <b>(Online)</b>
9.30-10.00	Hochschule Bremen	MA	Simon Matischak	Seasonality mitigation of aircraft productivity concerning integrated European leisure airlines through selective action as wetlease lessor for subsidiary airlines as a competitive advantage over independent competitors
10.00-10.30		Coffee Break		
10.30-11.00	Vrije Universiteit (VU) Amsterdam	MA	Sayalee Sanjay Bhavsar	Why airline pricing differs?
11.00-11.30	Hochschule Bremen & TU Dresden	PhD	Johannes Jaekel	Approach Flight Efficiency at the Lower Airspace of European Airports
11.30-12.30		Lunch Break		
12.30-13.00	University of Bergamo	PhD	Rizwan Shoukat	Which is the best regional aircraft network to minimize GHG emissions in Europe? The Scandinavian case study
13.00-13.30	University College London (UCL)	PhD	Peizhi (Peggy) Li	Airline responses to alternative fuels and novel aircraft technologies in China
13.30-14.00		Closure of the 21st GARS JRW		
14.00-18.00		The 5th GARS Summer School**		

\*\*The 5th GARS Summer School in Air Transport Economics for GARS members (see a separate call for the details).

#### Venue:

Antwerp Management School  
Boogkeers 5, 2000 Antwerpen (Belgium)

#### Registration (by 29 May, 2024)

Please register at: <https://lnkd.in/dxsQUR73>

Participation is free of charge, but the organisers highly encourage all participants to become members of the German Aviation Research Society (GARS). For updates and membership visit <http://www.garsonline.de>  
For questions, please contact: [sven.maertens@dlr.de](mailto:sven.maertens@dlr.de) or [ane\\_rz@yahoo.com](mailto:ane_rz@yahoo.com)

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