

2007 ATRS World Conference

AGENDA



June 21 – 23, 2007, University of California, Berkeley
www.atrs2007.org

2007 ATRS World Conference

University of California, Berkeley
June 21-23, 2007



Sponsors

Thursday Night Reception
Booz | Allen | Hamilton

Booz | Allen | Hamilton

Friday Morning Break
ATAC Corporation

ATAC Experts in Aviation Simulation and Analysis

Friday Lunch
Metron Aviation



Saturday Lunch
Kennedy/Jenks Consultants

Kennedy/Jenks Consultants
Engineers & Scientists

Friday Afternoon Break
**College of Business,
Embry-Riddle Aeronautical
University**



Saturday Morning Co-Sponsor
Aviation Consulting Group, LLC



2007 ATRS World Conference



University of California, Berkeley
June 21-23, 2007



Detailed Events and Session Plan

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Thursday, June 21, 2007

10:30-12:00: ATRS Airport Benchmarking Task Force Meeting

UC-Berkeley Faculty Club, UC-Berkeley Campus (O'Neil Room)
Task Force members only

12:30-14:00: ATRS Networking/Executive Committee Meeting

UC-Berkeley Faculty Club, UC-Berkeley Campus (O'Neil Room)
Networking/Executive Committee Members only

17:00 - 19:30: Conference Registration

The Lipman Room of Barrows Hall, UCB Campus

17:00 - 19:30: ATRS Conference Reception

The Lipman Room of Barrows Hall, UCB Campus
Sponsored by Booz Allen Hamilton

Friday, June 22, 2007

8:00-11:00: Conference Registration

Outside the Pauley Ballroom East, MLK Student Unit Building, UCB Campus

8:30 - 9:00: Conference Opening and Keynote Address

Pauley Ballroom East, MLK Student Union Building, UCB Campus

Welcome by Prof Mark Hansen, Conference host and Co-Director, NEXTOR, UC -Berkeley

Welcome by Prof Samer Madanat, Director, ITS UC-Berkeley

Keynote Speech by Prof. Werner Rothengatter, President, the WCTR

"Climate Change and Challenges to the Air Transport Industries"

9:00-10:00: Global Airport Benchmarking Highlights and Award Presentation

Pauley Ballroom East, MLK Student Union Building, UCB Campus

Chair: Professor Tae Oum, President, the ATRS, and UPS Foundation Chair Professor, Sauder School of Business, UBC, Canada

Presentation: **Key Findings of the ATRS Global Airports Performance Benchmarking Report, 2007** (3 volume, 400+ pages)

Award Winning Airports:

- European Airport Efficiency Excellence Runner-up Award: **Athens International Airport** (received by Prof. Dimitrios Tsamboulas, National Technical University of Athens, and Board member)
- European Airport Efficiency Excellence Award: **Oslo International Airport** (received by Mr. Nic Nielsen, Managing Director)
- Asia-Pacific Airport Efficiency Excellence Award: **Hong Kong International Airport** (received by Mr. Howard Eng, Airport Management Director)
- Global Airport Efficiency Excellence Award: **Hartsfield Jackson Atlanta International Airport** (received by Mr. Mario Diaz, Deputy General Manager)

10:00-10:15: Coffee Break at Pauley Ballroom East

Sponsored by ATAC Corporation

10:30-12:00: Concurrent Sessions 1-1

Session 1-1-A : Low Cost Carriers I - The North-South-East-West Effect

Chair: Martin Dresner - University of Maryland

Room: 502 Davis

"Airlines Performance in the New Market Context: a Comparative Productivity and Efficiency Analysis"

Cristina Barbot, University of Porto

Alvaro Costa, University of Porto

Elena Sochirca, University of Porto

"The Southwest Effect: A Time Series Intervention Analysis on Passengers Carried by Market Segment and Share"

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David Pitfield, Loughborough University

"Impact of the Low-Cost Scheduled Airlines on Charter Operations and the Inclusive Tour Holiday Market"
Nigel Dennis, University of Westminster

"The Impact of New Type Air Services, i.e. Low Cost Services, on the Transfer Passenger Market in Germany - Some New Evidence"
Dieter Wilken, German Aerospace Center (DLR)
Peter Berster, German Aerospace Center (DLR)

Session 1-1-B: Airports I - Efficiency and Performance
Chair: Bijan Vasigh - Embry Riddle Aeronautical University
Room: 542 Davis

"A Bayesian Approach to Estimate Efficiency in Airports"
Juan Carlos Martin, University of Las Palmas de Gran Canaria
Augusto Voltes-Dorta, University of Las Palmas de Gran Canaria

"Technical Efficiencies and Scope Economics of Airports in Passenger and Cargo Transport in China: A Stochastic Input Distance Function Analysis"
Clement K.W. Chow, Chinese University of Hong Kong
Michael K.Y. Fung, Chinese University of Hong Kong

"UK and German Airport Performance Similarities and Differences"
Anne Graham, University of Westminster
Gerry Abdesaken, Berlin School of Economics
Jurgen Muller, Berlin School of Economics

"Measuring the Performance of European Major Airports Using Benchmarking Frontier Methods"
Ana Brochado, Technical University of Lisbon
Rui Cunha Marques, Technical University of Lisbon

Session 1-1-C: Air Travel Demand Modeling I
Chair: Narjess Tessier - Airbus
Room: 544 Davis

"Valuation of Direct Intercontinental Flights as Opposed to Non-Direct Ones - Insights Based on a Hedonic Approach"
Andreas Wittmer, HSG-Center for Aviation Competence
Christian Laesser, Institute for Public Services and Tourism
Thomas Bieger, Institute for Public Services and Tourism

"A Study on the Economies of Air Service for a Route from Seoul to Beijing via Pyongyang"
Kwang Eui Yoo, Hankuk Aviation University
Min Young Ryu, Hankuk Aviation University

"Passenger Demand for Air Transportation: How has the Structure Changed over Time?"
Chieh-Yu Hsiao, University of California at Berkeley - NEXTOR
Mark Hansen, University of California at Berkeley - NEXTOR

"Scenario-based Approach for Airline and Passenger Segmentation up to the Year 2020 - Drivers for Future Cabin Innovation"
Stephan Eelman, Lehrstuhl für Luftfahrttechnik
Axel Becker, Airbus

"Modeling Outbound Air Travel Demand in Taiwan: Method Comparison"
Ching-Fu Chen, National Cheng Kung University
Yu Hern Chang, National Cheng Kung University
Yu Wei Chang, National Cheng Kung University

Session 1-1-D: Airline Competition I - Business Models and Pricing
Chair: Anming Zhang - University of British Columbia
Room: 406 Davis

"The New Price Discrimination and Pricing in Airline Markets: Implications for Competition and Antitrust"
David Gillen, University of British Columbia
Tim Hazledine, University of Auckland Business School

Detailed Events and Session Plan

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"Will Varig Pull Out of the Nosedive? An Economic Analysis of its Demise and Resurrection"

Andreas Eichinger, German University of Administrative
Simon Engert, Lufthansa Technik AG

"How Sustainable is Emirates' Business Model?"

Andreas Knorr, German University of Administrative Sciences Speyer
Alexander Eisenkopf, Zeppelin University

"Pricing, Competition and Policy in Australasian Air Travel Markets"

Tim Hazledine, University of Auckland Business School

"Comparison of Offered Fares Across Search Engines"

Volodymyr Bilotkach, University of California, Irvine
Marija Pejcinovska, University of California, Irvine

Session 1-1-E: Environmental Issues in Air Transport I

Chair: Eric Dinges - ATAC

Room: 212 O'Brian

"Air Transport and Energy: Many Questions, Few Answers"

Jean Bresson, ENAC - French University of Civil Aviation

"Environmental Restrictions and the Efficiency of Airports - the Case of Dusseldorf Airport"

Hansjochen Ehmer, International University of Applied Sciences Bad Honnef - Bonn & DLR

"How Does the Latest EU Proposal on Aviation and Climate Change Affect Competition Between European and US-Airlines?"

Janina Scheelhaase, German Aerospace Center (DLR)

Wolfgang Grimme, German Aerospace Centre (DLR)

Martin Schaefer, German Aerospace Centre (DLR)

"Spatial Impact of Airports in Germany - The Planning Dilemma Between Economic Needs and Environmental Concerns"

Stephan Zass, German Aerospace Center (DLR)

"Guidelines for Conducting Noise/Emissions Tradeoffs Around Airports - A Case Study"

Ivan de Lepinay, ENVISA

12:00 - 13:00: Lunch Break

Campanile Esplanade - UCB Campus

Sponsored by Metron Aviation

12:00 - 15:30: Conference Registration

Campanile Esplanade - UCB Campus

13:00 - 14:20: Concurrent Sessions 1-2

Session 1-2-A: Low Cost Carriers II - Business Models

Chair: Keith Mason - Cranfield University

Room: 502 Davis

"The Low-Cost Carrier Business Model and Combinations for Success: A Qualitative Comparative Approach"

Kristian Anders Hvass, Copenhagen Business School

"The Role and Value of Customer Relationship Management (CRM) in the Low Cost Business Model"

Hannu Seristo, Helsinki School of Economics

Timo Ilva, Helsinki School of Economics

"Evaluation of Business Model for Asian Low Cost Carriers: Analysis of the Singapore-Bangkok Sector"

K. Raguraman, National University of Singapore

Choon-Hon Teo, National University of Singapore

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"Applying Kano's Model for Passenger Service in the Airline Industry"

Yueh-Ling Hsu, Kainan University
Chao-Che Hsu, Tamkang University
Pei-Chi Bing, Kainan University

Session 1-2-B: Airports II - Ownership and Privatization

Chair: Tae Oum, University of British Columbia

Room: 542 Davis

"Ownership Forms Matter for Airport Efficiency: Results from Bayesian Estimation of Stochastic Cost Frontiers for Worldwide Airports"

Tae Oum, University of British Columbia
Jia Yan, Hong Kong Polytechnic University
Chunyan Yu, University of British Columbia

"Airport Privatization in India: Lessons from the Bidding Process in Delhi and Mumbai"

G. Raghuram, Indian Institute of Management
Rekha Jain, Indian Institute of Management
Rachna Gangwar, Indian Institute of Management

"Airport Privatization: What do Stakeholders Think?"

Dorothea Zakrzewski, University of Western Sydney
Roger Juchau, University of Western Sydney

"Should Regional Airports be Governed Privately or Publicly? A Comparative Study of Japan and the U.K."

Muneki Yokomi, Osaka University of Commerce

Session 1-2-C: Air Traffic Forecasting

Chair: Stephane Hess - Imperial College London

Room: 544 Davis

"How the Consumer Confidence Index Can Increase Air Transport

Short Term Forecast Accuracy & Make Them Consistent with the Long-Term Vision"

Narjess Teyssier, Airbus

"Interaction of Air Cargo Demand and Global Trade in the Light of Current Modeling Approaches"

Peter A. Meincke, German Aerospace Center (DLR)
Florian M. Heinitz, Erfurt University
Dirk Steiger, Aviation Information Research & Consulting (Aviainform)

"Integrated Air Transport Forecast"

Yefu Du, Civil Aviation University of China (CUAC)
Pei Zhu, Civil Aviation University of China (CUAC)

"Forecasting India's Air Passenger Traffic"

R. N. Datta, Indian Institute of Technology Kharagpur

"Air Traffic Forecasting and Variances Between Peak Hour and Design Day Models and their Effects in Airport Planning and Development"

Paul Willis, Aviation Solutions
Konstantinos Kalligiannis, Aviation Solutions

Session 1-2-D: Airline Competition II

Chair: Cristina Barbot - Faculty of Economics of Porto

Room: 406 Davis

"Competition and Flight Departures in Network and Low-Cost Airline Market"

Emine Yetiskul, University of California, Berkeley
Adib Kanafani, University of California, Berkeley

"How Will the Landscape of Airline Networks and Passenger Traffic Flows in the U.S. Domestic Markets be Shaped if One or More of the Proposed Airline Merger Negotiations in the U.S. is Approved"

Chul Kyu Lee, Ohio State University

"Measuring Alternative Cost Control Strategies for Full Service Carriers"

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Chien-Hang Cheng, National Kaohsiung Hospitality College
Yu-Hern Chang, National Cheng-Kung University

"An Empirical Analysis of Cost Structure of US Passenger-Carriers, Freighters, and Integrators"

Shuji Uranishi, Fukuyama Heisei University
Hideki Murakami, Kobe University

Session 1-2-E: Environmental Issues in Air Transport II

Chair: Peter Morrell - Cranfield University

Room: 212 O'Brian

"Structuring the Environmental Trading Market for Air Transport"

Sveinn Gudmunsson, Berlin Chen, Toulouse Business School

"The Impacts of Environmental Charges on Air Passenger Demand"

Cherie Lu, Chang Jung Christian University
Berlin Chen, Chang Jung Christian University

"MIME - Noise Trading for Aircraft Noise Mitigation"

Peter H.C. Hullah, Eurocontrol Experimental Center, France
Terry Thompson, NeoMetSys
Ivan de Lepinay, Env-Isa
Truls Gjestland, SINTEF

"Aviation Emission Control Trading Scheme"

Spyros Jancovich, Hellenic Aviation Society

14:30 - 16:00: Concurrent Sessions 1-3

Session 1-3-A: Low Cost Carriers III - Developments in Asia

Chair: Nigel Dennis - University of Westminster

Room: 502 Davis

"LCC in China: Local Emergences and Foreign Entrants"

Zhengyi Shon, Tainan University of Technology
Yen-Heng Chen, National Chiao Tung University
Pei-Chih Ho, Yuda College of Management

"Competition in the Philippine Air Transport Industry: Implications on the Growth of Low Cost Carriers"

Maria Cherry Lyn S. Rodolfo, University of Asia and the Pacific - Philippines
Altaire Galve, University of Asia and the Pacific - Philippines

"A Study on Consumer Behavior of the Low Cost Carriers in Taiwan"

Chin-Ho Lai, Kainan University
Wan-Hsien Chin, Kainan University

"Are the Southeast Asian Low Cost Carriers Really Cheaper?"

Yu-Chun Chang, National Taiwan Ocean University
George Williams, Cranfield University
Ralph Anker, Cranfield University
Ning Lee, National Taiwan University

Session 1-3-B: Airports III - Congestion and Capacity Management

Chair: David Gillen - University of British Columbia

Room: 542 Davis

"Departure Delays, the Pricing of Congestion, and Expansion Proposals at Chicago O'Hare Airport"

Ian Savage, Northwestern University
Tracy Johnson, Bain & Company

"Reliever Hubs and Inter-Modality as an Airport Congestion Diminishing Strategy - Concept and Model"

Yu Zhang, University of California, Berkeley
Mark Hansen, University of California, Berkeley

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"What are the Operational Requirements for an Airport Under Extreme Traffic Peak Situations and What are the Best Strategies to Deal with them"

Paul Willis, Aviation Solutions
Konstantinos Kalligiannis, Aviation Solutions

"Airport Scheduling Performance - An Approach to Evaluating the Airport Scheduling Process by Using Scheduled Delays as Quality Criterion"

Daniel Kusters, RWTH Aachen University

"Scheduled Delays, Congestion Externalities, and Network Structure in the Airline Industry"

Itai Alter, Stanford University

Session 1-3-C: Air Travel Demand Modeling II

Chair: Dieter Wilken - German Aerospace Centre

Room: 544 Davis

"Reference Dependence in SP Air Travel Data"

Stephane Hess, Imperial College London

"Modeling the Demand for Medium-Distance Air Travel with the Mixed Data Estimation Method"

Juan de Dios Ortuzar, Pontificia Universidad Catolica de Chile
Carolina Simonetti, Pontificia Universidad Catolica de Chile

"Algorithm Research and Application on Value of Time about Air Passenger"

Xiao-Jin Li, Civil Aviation University of China (CUAC)
Zhan-Wei Liu, Civil Aviation University of China (CUAC)

"Research on the Japanese Passenger's Preference to Aviation Service Using Stated Preference Data"

Kazuyuki Takada, Tokyo Denki University
Asuka Wada, Tokyo Denki University

"Valuation of the Impact of Aircraft Size and Airport Capacity on Air Travelers"

Wenbin Wei, San Jose State University

Session 1-3-D: Airline Performance

Chair: John Rowcroft - University of New Brunswick

Room: 406 Davis

"AI in Air Transport Financial Analysis: A Method for Classifying, Ranking and Relating Airlines by Means of Multiple Indexes"

Vladimir Lima da Silva, Federal University of Rio de Janeiro
Sandro Filippo, Federal University of Rio de Janeiro
Licinio da Silva Portugal, Federal University of Rio de Janeiro
Antonio do Espirito Santo Jr., Federal University of Rio de Janeiro

"A Comparative Study of American, European, Asian, and South American Airlines"

Antonio Henriques de Araujo, Aeronautical Technological Institute
Av. Jose Guedes de Avellar, Institute for Advanced Studies
Amando Milioni, Aeronautical Technological Institute
Fernando Marins, State University of Sao Paulo

"Cancellations and their Relationship to and Impact on Airline Service Quality"

Blaise P. Waguespack, Embry-Riddle Aeronautical University
Dawna Rhoades, Embry-Riddle Aeronautical University

"The Evaluation of Airline Service Quality by Fuzz TOPSIS Based on Group Weighting Method"

Chih-Wen Yang, National Taichung Institute of Technology
Fang-Yuan Chen, China Institute of Technology

"A Comparison of Route-Based Performance of Taiwanese Domestic Airlines from the Perspectives of Attribute Cost and Common Cost"

Yen-Heng Chen, National Chaio Tung University

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Shih-Chang Tsai, National Chaio Tung University

Session 1-3-E: Environmental Issues in Air Transport III

Chair: Svenn Gudmunsson - Toulouse Business School

Room: 212 O'Brian

"A Simulation Model for Studying Airport-Related Air Pollution"

Roberto Devoto, Università degli studi di Cagliari

Andrea Obino, Università degli studi di Cagliari

"The Potential for European Aviation CO2 Emissions Reduction Through the use of Larger Aircraft"

Peter Morrell, Cranfield University

"Determining the Environmental Benefits of Implementing Continuous Descent Approach Procedures"

Eric Dinges,

"Comparison of Measured and Modeled NO2 Values at Zurich Airport,

Sensitivity of Aircraft Nox Emissions Inventory and NO2 Dispersion Parameters"

Nicolas Duchene, ENVISA

16:00-16:30: Coffee Break

Campanile Esplanade - UCB Campus

Sponsored by School of Business, Embry-Riddle Aeronautical University

16:30-18:00: Concurrent Sessions 1-4

Session 1-4-A: Low Cost Carriers IV

Chair: Tim Hazeldine, University of Auckland

Room: 502 Davis

"Low Cost Phenomenon: Strategies and Achievements"

Rosario Macario, Technical University of Lisbon

Eddy van de Voorde, University of Antwerp

Vasco Reis, Technical University of Lisbon

Thierry Vanelslander, University of Antwerp

"Taiwanese Airlines and Government Viewpoints of Low Cost Carriers Development between Taiwan and other Asian Countries"

Chiu-Hua (Jeff) Chang, City University - London

Steve Bond, City University - London

Chak-Wah Cheung, City University - London

"The Market Entry of Gol - An Unprecedented Success Story"

Andreas Eichinger, German University of Administrative

Simon Engert, Lufthansa Technik AG

"A Destination Selection Model for Low Cost Carriers' Direct Cross-Strait Flights"

Yu-Chun Chang, National Taiwan Ocean University

George Williams, Cranfield University

Mei-Ling Pan, National Taiwan University

Chia-Jui Hsu, Department of Air Transportation, Taiwan

Session 1-4-B: Airports IV: Service Quality I

Chair: Dan Petree - Embry Riddle Aeronautical University

Room: 542 Davis

"Airlines' Point of View as a New Approach to Measuring Quality of Service at Airports"

Benedikt Badanik, University of Zilina

"A Study of Competitiveness of Incheon International Airport

Focusing on Measuring the Service Quality of Passenger Terminal"

Seock-Jin Hong, University of Incheon

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Jae Hwan Lee, University of Incheon

"Evaluating Orientation Level of Service at Passenger Terminals at Major Brazilian Airports"

Anderson R. Correia, Aeronautical Institute of Technology
Giovanna M. Ronzani, Aeronautical Institute of Technology
S.C. Wirasinghe, University of Calgary

An Investigation of Passenger's Intention to Use Technology-Based Self Check-in Service

Jin-Long Lu, Chang Jung Christian University
Pei-Chiung Ling, Chang Jung Christian University
Hung-Yen Chou, Chang Jung Christian University

Session 1-4-C: Airline Marketing

Chair: Isabelle Dostaler - Concordia University

Room: 544 Davis

"The Adoption of Online Travel Management Tools"

Keith Mason, Cranfield University

"Searching Customer Preferred Policies for the Frequent Flyer Program - A Case Study on Taiwanese Passengers"

Chao-Che Hsu, Tamkang University
Yueh-Ling Hsu, Kainan University
Tsai-Hsun Chi, Kainan University

"Managing Airline Image and Reputation Using Fuzzy MCDM Approach"

James J. H. Liou, Kainan University
Mei-Ling Chuang, Kainan University
Chao-Che Hsu, Kainan University

"Modeling Structural Relationships Between Airlines

Brand Equity, Brand Preference and Purchase Intentions for Air Passengers"
Ching-Fu Chen, National Cheng Kung University

Session 1-4-D: Airline Management

Chair: Wenbin Wei - San Jose State University

Room: 406 Davis

"Empirical Study of Route and Network Profitability Analysis for Planning and Controlling Purposes of Network Carriers"

Thomas Niehaus, Lufthansa Consulting GmbH
Alexander Knigge, Lufthansa Consulting GmbH
Jens Ruehle, University of Cologne

"Corporate Transparency, Investor Protection and the Informativeness of Financial Reporting by Global Airlines"

Stephen X.H. Gong, Hong Kong Polytechnic University

"Determination of ERM Importance to Airline Management with the Aid of Some Key Qualitative Research Methods"

Ayse K. Yilmaz, Anadolu University

"Development of Successful Partnerships in MRO Outsourcing "

Araya Sakburanapech, Cranfield University
Richard Greenough, Cranfield University

"Airlines' MRO and Outsourcing: An Operations Management Perspective"

Hamad Al-kaabi, Cardiff Business School
Mohamed Naim, Cardiff Business School
Andrew Potter, Cardiff Business School

Session 1-4-E: Airport Strategic Planning

Chair: Jaap de Wit - University of Amsterdam

Room: 212 O'Brian

"Dealing with Uncertainty in Airport Strategic Planning"

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J.H. Kwakkel, Delft University of Technology
W.E. Walker, Delft University of Technology
V. Marchau, Delft University of Technology

"Airport Sustainability Assessment Based on System Dynamics Model"
Mi Kyoung Kim, Hankuk Aviation University
Kwang Eui Yoo, Hankuk Aviation University

"Moment of Transport Framework: A Case Study on Sao Paulo Airport Locations"
Jose Mauro Figueiredo Garcia, State Department of Transportation, Brazil
Rodrigo Florio Moser, Anhembi Morumbi University - Laureate

"The Future Airports: Assessing Flexibility in Adapting to Changes of the Airline Behavior"
Milan Janic, Delft University of Technology

"An Airport Strategic Planning Case Study"
Roland Wijnen, Delft University of Technology
Dries Visser, Delft University of Technology
Warren Walker, Delft University of Technology

19:00-21:00: Conference Dinner

Berkeley City Club (Ballroom), 2315 Durant Avenue, Berkeley

Keynote Speech: "FAA Air Traffic Organization Business Outlook" by David Chin, Director, Performance Analysis and Strategy Office, FAA-ATO

Saturday, June 23, 2007

8:30 - 10:00: Concurrent Sessions 2-1

Session 2-1-A: Low Cost Carriers V - Pricing Strategies

Chair: William Morrison - Wilfrid Laurier University

Room: 502 Davis

"Pricing Strategies of Low-Cost Airlines: the Ryanair Case"

Stefano Paleari, University of Bergamo

Renato Redondi, University of Brescia

Paolo Malighetti, University of Bergamo

"Low Cost Carriers' Pricing Scheme: What is the Rationale?"

Cristina Barbot, University of Porto

Carlos F. Alves, University of Porto

"An Empirical Analysis of Inter-Firm Rivalry between Japanese LCC and Legacy Carriers and its Welfare Effects"

Hideki Murakami, Kobe University

"Airline Competition in the Presence of a Major LCC- What Happened After the Effects of Southwest's Entries Stabilized"

Xiaowen Fu, Hong Kong Polytechnic University

Martin Dresner, University of Maryland

Tae Oum, University of British Columbia

Session 2-1-B: Airports V: Service Quality II

Chair: Nicole Adler - Hebrew University of Jerusalem

Room: 542 Davis

"The Terminal Commodity Shopping Satisfaction and the

Shopping Grey Relational Analysis at Taiwan Taoyuan International Airport"

Shiaw-Wuu Perng, Kainan University

Tsung-Po Lo, Kainan University

"Customer Satisfaction Evaluation of Taiwanese Domestic Airports Using Structural Equation Modeling Approach"

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Shih-Chang Tsai, National Chaio Tung University
Yu-Kai Huang, China University of Technology
Yen-Heng Chen, National Chaio Tung University

"Investigating the Environmental and the Perceived Comfort in the Departure Lounge of Rio De Janeiro's International Airport Passenger Terminals"

Lucia Ribeiro, Catholic University of Rio de Janeiro (PUC-Rio)
Claudia Mont'Alvao, Catholic University of Rio de Janeiro (PUC-Rio)
Respicio A. Espirito Santo Jr., Federal University of Rio de Janeiro

"Degree of Importance of Airport Passenger Terminal Components and their Attributes"

Anderson R. Correia, Aeronautical Institute of Technology
Michelle P. Bandeira, Aeronautical Institute of Technology
S.C. Wirasinghe, University of Calgary

"An Exploratory Study on What Criteria Airline Passengers Perceive Important"

Seung-Chang Lee, Hankuk Aviation University
Yong-Jae Yoo, Donwon University
Ki-Yeon Lee, Korean Airlines

Session 2-1-C: Demand Modeling - Airport Access

Chair: Juan de Dios Ortuzar - Pontificia Universidad Catolica de Chile

Room: 544 Davis

"Direct and Cross-Elasticities of Airport and Airline Choice in the London Area"
Eric Pels, Free University

"A Role of Schedule Delay on Passenger's Discrete Choice Behavior of Access Transportation Mode to International Hub Airport: A Case of Takamatsu/Tokushima to Kansai International Airport"

Chikako Keumi, Kobe University
Hideki Murakami, Kobe University

"A Generalized Neural Logit Model for Airport and Access Mode Choice in Germany"

Marc Gelhausen, German Aerospace Center (DLR)

"A Study on Passengers' Choice Behavior for the Airport Ground Access System - A Case Study of CKS International Airport"

Chao-Che Hsu, Tamkang University
Yueh-Ling Hsu, Kainan University
Chun-Yi Chen, Kainan University

Session 2-1-D: Airline Economics I

Chair: Yimin Zhang - China Europe International Business School

Room: 406 Davis

"Domestic Rivalry and Export Performance: Theory and Evidence from International Airline Markets"

Joseph A. Clougherty, Wissenschaftszentrum Berlin/CEPR-London
Anming Zhang, University of British Columbia

"Developing a Framework for the Delineation of Airline Markets"

Kai Huschelrath, Center for European Economic Research (ZEW)

"Telemedicine Adoption in Commercial Airline Flights: A Theoretical Investigation"

Thibault Larger, Universite de Toulouse, TSE

"A Dynamic Model of Airline Collusion"

Ying Fang, Rice University
Robin C. Sickles, Rice University

"Does Multipoint Competition among European Airlines Lead to a Reduction of Competitive Pressure? An Empirical Test of the Mutual Forbearance Hypothesis"

Mouyrin Renaud, Eurocontrol Experimental Center, France

Session 2-1-E: Airport Operations I

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Chair: Respicio Antonio do Espirito Santo Jr. - Federal University of Rio de Janeiro

Room: 212 O'Brian

"Analysis of Boarding Strategies for the Airbus A380"

Alexandre G. de Barros, University of Calgary

"The Effectiveness of RFID Used for Check-in Baggage at Hong Kong

International Airport - from the example of a Large Hong Kong Based International Carrier"

Shiang - Lung Yin, Kainan University

Brian Wen-Hsien Lee, Kainan University

"Self-Service Passenger Check-In and its Implications to Airport Terminal Building Operations and Design"

Adival Magri Jr., Universidade de Sao Paulo - NUTAU/USP

Alexandre G. de Barros, University of Calgary

"An Analysis of the Impact for Airlines at LGA from a Tower Modernization Alternative that Closes Gates"

Marc Rose, MCR, LLC

"Sizing Post-Security Retail Space and Waiting Lounge in Passenger Departure Terminal"

Moses Buendia, AMEC Oilsands and Mining

Alexandre G. de Barros, University of Calgary

Session 2-1-F: Air Traffic Management I -- Policy Issues

Chair: Mark Hansen - UC Berkeley

Room: 9 Evans

"Institutional Entrepreneurship and the Management of the Global Civil Air Navigation System: The Case of CANSO"

Triant Flouris, San Jose State University

Michael Carney, Concordia University

"SESAR - A Paradigm Shift in the Organization and Management of European ATM Research"

Dave Young, Eurocontrol Experimental Center, France

"Regulatory Reform of Air Navigation Service Providers"

Alan Jones, University of Sydney

James Guthrie, University of Sydney

"SESAR: A Vision of the Future European Air Traffic Management System for 2020 and Beyond"

John R.F. Guy, SESAR Consortium

"National Airspace System as a Common Pool Resource"

Jennifer Gentry, MITRE/CAASD

Session 2-1-G: Aviation Security

Chair: Yeong-Heok Lee - Hankuk Aviation University

Room: 70 Evans

"The Technical Challenges Facing Staff Access Control Systems at Airports"

Christer J. Wilkinson, DMJMH+N

"Barriers to RFID Adoption & Diffusion for Real-Time Baggage Visibility & Aviation Security"

Akemi Takeoka Chatfield, University of Wollongong

"Security at Oklahoma General Aviation Airports: a Case Study"

Frederick D. Hansen, Oklahoma State University

"Configuring Pervasive-Communication and Dual-Surveillance Networks for Sustainability/Security of Airports"

Li-Yen Hsu, China Institute of Technology

Shin-Shin Kao, Chung Yuan University

"Assessing Safety and Security in the African Skies"

Bridget Ssamula, Built Environment, CSIR

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Session 2-1-H: Airports and Network Development I

Chair: Joseph Clougherty - Social Science Research Center Berlin

Room: 3 Evans

"Liberalization in East Asian Air Transport Market - Competitive Analysis with the Presence of Airport Capacity and Product Differentiation"

Katsuhiko Yamaguchi, University of Tokyo

Open Sky Network: Implications to Asian Aviation Market

Yuichiro Yoshida, National Graduate Institute for Policy Studies, Tokyo

Katsuhiko Yamaguchi, University of Tokyo

Masahi Yamamoto, Kejo University

"New Developments in the Longhaul Air Travel Market - A Discussion of the Market Potential of Secondary Airports"

Sven Maertens, Institute of Transport Economics

"A Study on the Initiative of the Hub Strategy between airports and airlines"

Tae Seung Kim, Inha University

"A Spatial Analysis of San Francisco's Multiple Airport System"

Lomme Devriendt, Ghent University

Ben Derudder, Ghent University

Frank Witlox, Ghent University

Session 2-1-I: Aviation Data and Empirical Studies

Chair: Xiaowen Fu - Hong Kong Polytechnic University

Room: 71 Evans

"Solving the Lack of Ticket Price Data Availability in (European) Aviation Economics"

Guillaume Burghouwt, AAE/SEO Economic Research

Jaap de Wit, University of Amsterdam

"Hourly Schedule Demand: A Historical Trend Study"

Nastaran Coleman, Federal Aviation Administration (FAA)

"Defining the Facts on Handling Delays through a Multiple Correspondence Analysis"

Alvaro Costa, CITTA - University of Porto

Ayca Kolukisa, CITTA - University of Porto

Kenneth Button, George Mason University

Patricia Carvalho, Trenmo, Engenharia Lda, Portugal

"The Combined Use of OAG and MIDT Databases in Aviation Economic Research"

Frank Witlox, Ghent University

Guillaume Burghouwt, AAE/SEO Economic Research

Ben Derudder, Ghent University

Lomme Devriendt, Ghent University

Jaap de Wit, SEO Economisch Onderzoek

"Aggregate and Disaggregate Modeling of Airport Operations with Localizer Outages: Analysis of Runway Configuration Transitions and Traffic Redistributions"

Benjamin Messika, University of California at Berkeley - NEXTOR

Jasenska Rakas, University of California at Berkeley - NEXTOR

10:00 - 10:30: Coffee Break

Campanile Esplanade - UCB Campus

10:30 - 12:00: Concurrent Sessions 2-2

Session 2-2-A: Low Cost Carriers, Airports, and Regional Development

Chair: Javad Gorjidoz - Embry Riddle Aeronautical University

Room: 502 Davis

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"Measuring Low-Cost Carriers Impact on Regional Airports' Commercial Revenue"
Zheng Lei, Anglia Ruskin University

"Low Cost Carriers, Transport Mode Choice and Regional Tourism Destinations in Australia"
Theo T.R. Koo, University of New South Wales

"Measuring the Regional Economic Impact of Airports: a Comparative Analysis of Different Methodological Approaches"
Christoph Wollersheim, University of Muenster
Robert Malina, University of Muenster

"Forecasting Demand Levels at Developing Regional Airports"
Maria Nadia Postorino, University of Reggio Calabria
Alberto Andreoni, University of Reggio Calabria

Session 2-2-B: Airports VI - Economics
Chair: Eric Pels - Free University Amsterdam
Room: 542 Davis

"A Model of the Airport-Airline Relationship - Or: Structuring Combative Brother-Sister Interactions"
Bjoern Goetsch, University of Cologne
Sascha Albers, University of Cologne

"Airport Entry and Exit An Analysis of the European Market"
Christiane Muller-Rostin, University of Applied Sciences Bremen
Hans-Martin Niemeier, University of Applied Sciences Bremen
Jurgen Muller, Berlin School of Economics
Hans-Jochen Ehmer, University of Applied Sciences, Bad Honnef
Plamena Ivanova, Berlin School of Economics
Ignaz Hannak, International University of Applied Sciences Bad Hannef - Bonn

"A Study on Evaluation of Airport Hubbing"
Sang Yong Lee, Incheon International Airport
Kwang Eui Yoo, Hankuk Aviation University
Hwy Chang Moon, Seoul National University

"A Model of Air Passenger Demand for Multiple Airports Region"
Tomoki Ishikura, National Institute for Land and Infrastructure Management, Ministry of Land, Infrastructure and Transport, Japan

Session 2-2-C: Air Transport and Alternate Modes of Travel
Chair: Joel Shon - Tainan University of Technology
Room: 544 Davis

"Experiences with Advanced Air-Rail Passenger Intermodality - the Case of Germany"
Wolfgang Grimme, German Aerospace Center (DLR)

"The Impact Analysis of High-Speed Rail on Domestic Air Carriers in Taiwan"
Hung-Yen Chou, Chang Jung Christian University
Jin-Long Lu, Chang Jung Christian University
Tan-Ni Chen, Chang Jung Christian University

"Infrastructure Pricing: The Case of Airline and High Speed Rail Competition"
Nicole Adler, Hebrew University of Jerusalem
Chris Nash, Leeds University
Eric Pels, Free University of Amsterdam

"Passenger Transportation in Brazil: Optimal Choice in Modal Competition"
Ernesto Cordeiro Marujo, Instituto Tecnológico de Aeronautica
Rogeria de Arantes Gomes, Instituto Tecnológico de Aeronautica

"The Operational Strategy for Domestic Airlines on the Impact of Taiwan High Speed Railway"
Chi-Ruey Jeng, National Cheng Kung University
Yu Hern Chang, National Cheng Kung University

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Session 2-2-D: Airline Economics II

Chair: Katsuhiro Yamaguchi - University of Tokyo

Room: 406 Davis

"Technological Innovation in the Airline Industry: The Impact of Regional Jets"

Jan K. Brueckner, University of California, Irvine

Vivek Pai, University of California, Irvine

"Local Concentration and Entry in Short Haul Airline Markets"

Mark G. Lijesen, Free University

"Optimal Baggage Limit Policy: Airline Passenger and Cargo Allocation"

Wai Hung Wong, Chinese University of Hong Kong

Anming Zhang, University of British Columbia

Yer Van Hui, City University of Hong Kong

Lawrence C. Leung, Chinese University of Hong Kong

"The Impact of Entry and Competition on Airline Service Quality in the Philippines"

Wilfred Sebastian Manuela Jr., University of the Philippines

"Economics of Aviation Security Provisions"

Michael Li, Nanyang Technological University

Tae Oum, Chunyan Yu, University of British Columbia

Session 2-2-E: Airport Operations II

Chair: Cheng-Min FENG - National Chiao Tung University

Room: 212 O'Brian

"Proposed Categorization of Aircraft Based on Landing Field Length for Airport Planning & Design"

A.G.A.N. Nanayakkara, University of Calgary

S.C. Wirasinghe, University of Calgary

"Simulation and Analysis of Airport Configurations Using Visual SIMMOD: Application to the Sao Paulo/Guarulhos International Airport"

Rodrigo Florio Moser, Universidade de Sao Paulo

Nicolau D. F. Gualda, Universidade de Sao Paulo

"Evaluation of Technological and Operational Innovations to Increase Capacity in Mexican Airports"

Alfonso Herrera Garcia, Instituto Mexicano del Transporte

"Support of the Definition of the Declared Capacity by the Use of Airside Simulation for Runway Capacity Analysis"

Stefan Theiss, RWTH Aachen University

"Dynamic Analysis of Stochastic Runway Systems"

Raik Stolletz, University of Hannover

Session 2-2-F: Air Traffic Management II - Algorithms and Procedures

Chair: Jasenka Rakas - UC Berkeley

Room: 9 Evans

"Sequential Decision Model for the Single Airport Ground Holding Problem"

Barry Liu, University of California at Berkeley - NEXTOR

Mark Hansen, University of California at Berkeley - NEXTOR

"Balancing the Air Traffic Control Workload through the use of Dynamic Resectorization"

Renato J.G. Teixeira, University of San Paulo

Italo R. Oliveira, University of San Paulo

Paulo Sergio Cugnasca, Luciano Gualberto, University of San Paulo

"The Diffusion of Technology Innovation in the Next Generation Air Transportation: A Study of Required Navigation Performance (RNP) of U.S. Airline Industry"

Yoonjin Yoon, University of California at Berkeley - NEXTOR

Mark Hansen, University of California at Berkeley - NEXTOR

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"Boundary Conditions at Airports and their Impact on off Block Delay"
Andreas Deutschmann, German Aerospace Center (DLR)

"Dynamic Airspace Management - Concept and Model"
Peng Cheng, Tsinghua University
Rui Geng, Tsinghua University

Session 2-2-G: Human Factors in Air Transport

Chair: Kang Bin Lee – Sangi University

Room: 70 Evans

"An Experiment to Measure Training Transfer in Low Cost Simulator Based Airplane Upset Recovery Training"

Rodney Rogers, Embry-Riddle Aeronautical University

Cass Howell, ERAU

Albert Boquet, ERAU

Charles DeJohn, CAMI

"An Exploration of Airline Pilot Emotional Intelligence and Crew Resource Management"

David R. Virgin, University of Guelph

"Airline Customer Service at It's Worst: Is Poor Airline Customer Service Driving the Air Rage Phenomenon?"

Joyce A. Hunter, Saint Xavier University

"Implementation of ICAO Language Proficiency Requirements and the Training Results in Republic of Korea"

Youn Chul Choi, Hanseo University

Woo Choon Moon, Civil Aviation Safety Authority (Korea)

Session 2-2-H: Airports and Network Development II

Chair: Kosta Iatrou - Hellenic Aviation Society

Room: 3 Evans

"Connectivity of the European Airport Network: Policy and Business-Model Implications"

Stefano Paleari, University of Bergamo

"Air Network Connectivity, Hub Development, and Competitive Position of Asian Major Airports"

Hidenobu Matsumoto, Kobe University

"An Empirical Comparison of Business and Economy-Class Travel in European Airline Networks"

Ben Derudder, Ghent University

Lomme Devriendt, Ghent University

Nathalie Van Nuffel, Ghent University

Frank Witlox, Ghent University

"Competitiveness of Japanese International Airports"

Mikio Takebayashi, Kobe University

"An Optimum Model to Select Hub Airports Based on Air Travel Demand"

Mahmoud Saffarzadeh, Tarbiat Modarres University

Majid Zabihi, Tarbiat Modarres University

Session 2-2-I: Air Transport Market Development

Chair: Terence Fan - Singapore Management University

Room: 71 Evans

"India's Civil Aviation: A Status Update and a Look Ahead"

Dipasis Bhadra, MITRE Corporation

Mimi Dobbs, MITRE Corporation

Sujan K. Saraswati, Airports Authority of India

"Opportunities and Challenges for Air Transportation Market in Iran"

Mahmoud Saffarzadeh, Tarbiat Modarres University

Hamidreza Bahramian, Transportation Research Institute - Tehran, Iran

"Assessment of the Progress towards the ACARE Goals"

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Luigi Bottasso, ASD, the AeroSpace and Defense Industries Association of Europe

"The Impact of Montreal Convention 1999 on Brazilian Legal Rules for International Air Transportation"
Jose Gabriel Assis de Almeida, UERJ State University of Rio de Janeiro

"Analysis of Challenges and Attractions of Airlines Software Industry"
K. Mazaheri, Sharif University of Technology
S. Taghavi Nezhad, Sharif University of Technology
R. Khaksarfard, Sharif University of Technology

12:00 - 13:30 : Lunch

Co-sponsored by Kennedy/Jenks Consultants

13:30 - 15:00: Concurrent Sessions 2-3

Session 2-3-A: Air Transport and Economic Development

Chair: Chieh-Yu Hsiao - UC Berkeley

Room: 502 Davis

"Living in 'Aerotropolis': Attitudes of Residents Who Live in Communities Near Airports"

Andrew R. Goetz, University of Denver
Sean Tierney, University of Denver

*"Airports, Airlines and Tourism Combined Strategies as a Platform
for Economic Development - an Explorative Study of Singapore and Dubai"*

Sascha Albers, University of Cologne
Guilherme Lohmann, University of Sao Paulo
Benjamin Koch, Deutsche Lufthansa AG
Kathryn Pavlovich, University of Waikato

"The Connection Analysis Between International Air Transportation and Economic Developing"

Te-Chang Liu, Kainan University

*"An Analysis of a Logistic Platform in an International Airport in Brazil as a
Part of an Exportation Chain: Case Study - International Airport of Rio de Janeiro"*

Roberta de Roode Torres Matera, National Civil Aviation Agency. Brazil (ANAC)

"Planning & Airport Development, Proposal of a Theoretical Model Applicable to the Venezuelan Airport Network"

Carlos M. M. (Major) Carranza, Concordia University
Marcos R. F. (Col.) Curiel, Air War College

Session 2-3-B: Airports VII - Pricing and Regulation

Chair: Peter Forsyth - Monash University

Room: 542 Davis

"Regulation, Market Structure and Performance in Airports. Is there Need for and European Regulator?"

Rui Cunha Marques, Technical University of Lisbon
Ana Brochado, Technical University of Lisbon

"A Note on the Relationship Between Airport Pricing Models"

Leonardo J. Basso, University of British Columbia
Anming Zhang, University of British Columbia

"Single or Dual Till for Airports? A Two-Sided Market Analysis"

Estelle Malavolti-Grimal, University of Toulouse

"Analyzing Optimal Airport Capacity Investments"

Juan Carlos Martin, Universidad de Las Palmas de Gran Canaria
M. Pilar Socorro, Universidad de Las Palmas de Gran Canaria

Session 2-3-C: Airline Deregulation and Liberalization

Chair: Triant Flouris - San Jose State University

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Room: 544 Davis

"An Integrated Air Transport Market for China, Japan and Korea - II"
Koki Nagata, Air Transport Research and Advice, Washington, D.C.

"Economic Effects of Further Liberalization of the Transatlantic Air Transport Market"
Frank Fichert, Heilbronn University
Kai Huschelrath, Center for European Economic Research (ZEW)

"Deregulation of the Domestic Airline Industry in Mexico"
Victor Valdes, Universidad Anahuac
Marcos Avalos, Universidad Anahuac

"Foresight in ASEAN Airline Business through EU Air Transport Liberalisation Experiences"
Navatasn Kongsamutr, Cranfield University
Keith Mason, Cranfield University

"The Effect of Restrictions on Market Structure"
Tuvshintulga Bold, Northeastern University

Session 2-3-D: Airline Economics III
Chair: Michael Li - Nanyang Technological University

Room: 406 Davis

"Measuring the Impacts of Exchange Rates on the Cost Competitiveness of International Airlines: the Aviation Trade Weighted Index"
Peter Forsyth, Monash University

"An Empirical Investigation of the Relationship Between Market Conditions and Value of Commercial Aircraft"
Bijan Vasigh, Embry-Riddle Aeronautical University
Christian Vogel, Embry-Riddle Aeronautical University
Mehdi Haririan, Bloomsburg University of Pennsylvania

"Domain and Portfolio of Airline Business: Core Competence or Diversification"
Nobuaki Endo, Tokyo University of Marine Science and Technology
Toshiya Ozaki, Rikkyo University

"An Agent-Based Approach for Modeling the Commercial Air Transportation Network System"
Choongiap Samson Lim, Georgia Institute of Technology
Jung-Ho Lewe, Georgia Institute of Technology
Dimitri Mavris, Georgia Institute of Technology

"Estimation of the Welfare Impact of Airline Flight Schedule Changes with Netscan"
Guillaume Burghouwt, Amsterdam Aviation Economics
Jan Veldhuis, Amsterdam Aviation Economics
Rogier Lieshout, Amsterdam Aviation Economics

Session 2-3-E: Airport Operations III

Chair: Amy Kim - UC Berkeley

Room: 212 O'Brian

"Airlines On-time Performance and Airport Gate Modeling Case Study: San Francisco International Airport"
Jasenka Rakas, University of California at Berkeley - NEXTOR
Arnaud Boubert, University of California at Berkeley - NEXTOR
Valentine Calloud, University of California at Berkeley - NEXTOR

"Incheon International Airport APM Transportation Capacity Verification"
Tae Sung Huh, Yooshin Engineering Corporation

"Defining the Facts on Handling Delays through a Multiple Correspondence Analysis"
Alvaro Costa, CITTA - University of Porto
Ayca Kolukisa, CITTA - University of Porto
Kenneth Button, George Mason University

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Patricia Carvalhido, Trenmo, Engenharia Lda, Portugal

"A New Approach in Runway Operations Management for Airside Capacity Enhancement"

Saffarzadeh Mahmoud, Tarbiat Modares University

Abdi Ali, Tarbiat Modares University

Abasi Babak, Sharif University

"A Study on the Enhancements for Minimum Connecting Time of Incheon International Airport"

Kang Seok Lee, Hanseo University

Soon Kil Hong, Hankuk Aviation University

Session 2-3-F: Air Traffic Management III - Performance

Chair: Johannes Reichmuth - German Aerospace Center

Room: 9 Evans

"A Study on Efficient Use of Airspace and Efficient Fuel Consumption of Applying RVSM"

Yeong Heok Lee, Hankuk Aviation University

Young Joon Seo, Hankuk Aviation University

Yong Sup Park, Hankuk Aviation University

"Weather Normalization for Evaluating National Airspace System (NAS) Performance"

Jing Xiong, University of California at Berkeley - NEXTOR

Mark Hansen, University of California at Berkeley - NEXTOR

"Estimation and Inference in Stochastic Frontier Models with Allocative and Technical Inefficiencies: an Application to Air Traffic Control in France"

Kevin Guittet, Direction des Services de la Navigation Aerienne (DSNA)

Christian Bontemps, University of Toulouse (IDEI & GREMAQ)

"Modeling the Operational Impact of Air Traffic Control Automation Tools: A Case Study of Traffic Management Advisor"

Megan Smirti, University of California at Berkeley - NEXTOR

Mark Hansen, University of California at Berkeley - NEXTOR

Xing Chen, CSSI, Inc.

"A Short Analysis of the Reduced Vertical Separation Minimum Implementation

in the Context of the Energetic Impact: Case Study - South America and Caribbean Area"

Carlos Q. Costa, VARIG Brazilian Airline

Luiz Carlos de Avellar Jr., National Civil Aviation Agency. Brazil (ANAC)

Rafael W. Matera, National Civil Aviation Agency. Brazil (ANAC)

"SVM-Based Credit Risk Evaluation Methodology in Forewarning of Abnormal Air Traffic Flow"

Peng Cheng, Tsinghua University

Jiajia Yang, Tsinghua University

Rui Geng, Tsinghua University

Session 2-3-G: Aviation Safety I

Chair: Blaise Waguespack - Embry Riddle Aeronautical University

Room: 70 Evans

"The Use of Enhanced and Synthetic Vision Systems for Improved Safety for Flight Operations"

Ted Beneigh, Embry-Riddle Aeronautical University

Amy Alexander, Aptima, Inc.

"Bird Strike Incidents and Accidents in Brazil: A Public Policy Approach"

Respicio A. E. Santo, Federal University of Rio de Janeiro

Nestor Rodrigues, NAT Nacional Aero Taxi Ltda.

"The Influence of Airbridges on the Operational Safety of Airport Ramp Areas: A Case Study in Congonhas"

Claudio J. P. Alves, Instituto Tecnológico de Aeronautica

Eugenio J. Rocha, Instituto Tecnológico de Aeronautica

Carlos Muller, Instituto Tecnológico de Aeronautica

"General Aviation Accidents Analysis"

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Massoud Bazargan, Embry-Riddle Aeronautical University

"Advanced Diagnostic/Prognostic System: An Integrated Approach to Systems Health Monitoring"

Seraphin Chally Abou, University of Minnesota - Duluth

Chien-Tsung Lu, University of Central Missouri

Maarouf Saad, Electrical Engineering Department, ETS

Session 2-3-H: Air Cargo I

Chair: Ken Button – George Mason University

Room: 3 Evans

"Measuring the Fitness Level: Generalized Cost Concept vs. System Dynamics Approach"

Vasco Reis, University of Lisbon

Rosario Macario, University of Lisbon

"Analysis of Transshipment of International Air Cargo and Competition Between Airports in East Asia"

Taekyu Kim, Institute of Transport Policy Studies, Tokyo

"An Overview of the Domestic Cargo Segment in Brazil and the Overnight Postal Air Network"

Luiz L. M. Costa, Federal University of Rio de Janeiro

Marcella A. B. Drummond, Federal University of Rio de Janeiro

Thadeu Brandao, Federal University of Rio de Janeiro

Respicio Antonio do Espirito Santo Jr., Federal University of Rio de Janeiro

"Comparative Analysis of the Productivity of Korea and China's Air Freight Transport Industry"

Hun-Koo Ha, Inha University

Zhao Cheng, Inha University

Yonghwa Park, Inha University

Minyoung Park, Inha University

"Study of Selection Method for FTZ Operation Strategy"

Ming-Hsiang Lee, Kainan University

15:00 - 15:30: Coffee Break

Co-sponsored by Aviation Consulting Group, LLC, Ormond Beach, Florida

15:30 - 17:00: Concurrent Sessions 2-4

Session 2-4-A: Regional Air Transport

Chair: Helen Yin - UC Berkeley

Room: 502 Davis

"Challenge for Regional Aviation in Australia: A Case Study of the Regional Express Airlines"

Glenda Davis, University of Western Sydney

Dorothea Zakrzewski, University of Western Sydney

"Understanding the Demand for Regional Air Transport in Quebec"

Isabelle Dostaler, Concordia University

Lalla Sabbane, Concordia University

Thomas J. Tomberlin, Concordia University

"Economic Analysis of Regional Airlines: A Cost Comparison"

Isabel Santana, University of Las Palmas de Gran Canaria

"Analysis and Optimization of Airline Networks for Short Haul Air Transportation"

B. Kodanda, National Aerospace Laboratories, Bangalore, India

Rajkumar S. Pant, Indian Institute of Technology, Bombay

"Competition between a Charter Airline and Scheduled Airline over a Single Network Link"

Gautam Gupta, University of California, Berkeley

Mark Hansen, University of California, Berkeley

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Session 2-4-B: Airports VIII - Subsidy and Regional Development

Chair: Edward Huang - UC Berkeley

Room: 542 Davis

"Regional Airport Subsidies - a Social Dilemma"

Henrik Armbrecht, University of Muenster

Torsten Marner, University of Muenster

"The Planning of Neighboring Areas of Airports and the Contribution of Private Enterprise to a Regional and Economic Development: An European Experience"

Bernardo Sanchez Pavon, Universidad de A Coruna

"Air Transportation as an Economic-Geographic Integration Factor: The Mercosul Case"

Rafael M. M. Araujo, National Civil Aviation Agency - Brazil

Marcial A. Marazzo da Silva, National Civil Aviation Agency - Brazil

"The Impact of Additional Passengers on airport employment - The case of German airports"

Richard Klophaus, Trier University of Applied Sciences

Session 2-4-C: Airline Alliances

Chair: Joseph A. Clougherty, Wissenschaftszentrum Berlin/CEPR-London

Room: 544 Davis

"Determinants of Successful Code Sharing: A Case Study of Continental and America West Airlines 1998-2002"

B. Starr McMullen, Oregon State University

Yan Du, Oregon State University

"The Structure of the World Airline Network"

J. Nolan, University of Saskatchewan

P. Ritchie, University of New Brunswick

John Rowcroft, University of New Brunswick

"How Do Strategic Alliances Affect Passengers' Perceptions of their Airline Members' Brands?"

Konstantinos Kalligiannis, Cranfield University

Keith Mason, Cranfield University

"Cross-Cultural Factors and Corporate Strategy Disclosure: Implications for Strategic Alliances in the Global Airline Industry"

Catherine Giapponi, Fairfield University

Carl Scheraga, Fairfield University

"Leisure Travel: Implications for Airline Alliances"

Andreas Papatheodorou, University of the Aegean

Kostas Iatrou, Hellenic Aviation Society

Session 2-4-D: Airline Competition III

Chair: Mark Lijesen - Netherlands Institute for Transport Policy Analysis

Room: 406 Davis

"Airline Competition in the Dimensions of Price and Quality"

William G. Morrison, Wilfrid Laurier University

"The Impact of Airline Financial Distress on Air Fares - a Contingency Approach"

Christian Hofer, University of Maryland

Martin Dresner, University of Maryland

Robert Windle, University of Maryland

"Market Entry Strategy and Competition with Arch-Incumbent-Experience from the European Airline Industry"

Terence Fan, Singapore Management University

"Airline Seat Allocation Competition"

Michael Z.F. Li, Nanyang Technological University

Anming Zhang, University of British Columbia

Yimin Zhang, Chine Europe International Business School

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"A Pricing DP Game"

Darius Walczak, PROS Revenue Management

Session 2-4-E: Airline Operations

Chair : Yu Zhang - UC Berkeley

Room: 212 O'Brian

"Fleet Assignment Problem with Connection Network using Priority-based Genetic Algorithm"

Tung-Yen Yang, Kainan University

Mitsuo Gen, Waseda University

Te-Chang Liu, Kainan University

Gwo-Hshiung Tzeng, Kainan University

"Airline Fleet Planning and Aircraft Investment Valuation"

William E. Gibson, AirBusiness Academy

Peter S. Morrell, Cranfield University

"Delay Propagation Modeling and the Implications on Robust Airline Scheduling"

Cheng-Lung Wu, University of New South Wales

"Fleet Renewal in the Context of the Embraer E-Jets: Case Study - The Brazilian Domestic Market"

Rafael W. Matera, National Civil Aviation Agency. Brazil (ANAC)

"Modeling of Aviation Gas Turbine Cooled Elements"

R. Sadiqov, Azerbaijan National Academy of Aviation

A. Pashayev, Azerbaijan National Academy of Aviation

D. Askerov, Azerbaijan National Academy of Aviation

Al Samedov, Azerbaijan National Academy of Aviation

R. Mamedov, Azerbaijan National Academy of Aviation

Session 2-4-F: Legal, Labor and Policy Issues in Air Transport

Chair: Soon-Gil Hong - Korea Aerospace University

Room: 9 Evans

"The Legal Regime for International Interests in Aircraft Equipment Under the Cape Town Convention and Protocol"

Kang Bin Lee, Sangi University

"The Power of Inter- and Intra- Group Communication on Public-Private Partnerships in the Aviation Industry"

Nanette Scarpellini Metz, University of Nebraska at Omaha

"Public Policy and Collective Bargaining in the Airline Industry: A Policy Delphi"

Shaun Giese, University of Nebraska at Omaha

"Knowledge Management in a High Technology-Based Industry in Brazil: a Social Organization Perspective"

Isable Cristina dos Santos, Taubate University

Joao Amato Neto, Sao Paulo University (USP)

Antonio Henriques de Araujo Jr., Rio de Janeiro State University (UERJ)

"Cost and Efficiency Analysis of Enroute Air Traffic Control"

Edward Huang, University of California, Berkeley

Adib Kanafani, University of California, Berkeley

Session 2-4-G: Aviation Safety II

Chair: Ian Savage - Northwestern University

Room: 70 Evans

"The Impact of Corporate Culture on Aviation Safety. The Case Study of HELIOS Airways Accident"

Yiannis (John) S. Lainos, Chalkis Technological Educational Institution (Greece)

"Safety Culture in Relation to Cabin Safety Performance among Taiwanese Airlines: A Structural Equation Modeling Approach"

Kai-Hui Lee, China Airlines

Margaret Stewart, RMIT University

Li-Hua Kao, Chung Yuan Christian University

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"Airport Planning Regulations and Obstacle Limitation Requirements: A Critical Review and Analysis of Key Assumptions"

David Gillingwater, Loughborough University
Elias Maragakis, Loughborough University

"Identifying Key Management Factors for Improving Aviation Safety"

Risako Morimoto, Toulouse Business School

"Risk Management for Runway Incursion Events"

Yen-Heng Chen, Yu-Kay Huang, National Chaio Tung University

Session 2-4-H: Air Cargo II

Chair: Megan Smirti - UC Berkeley

Room: 3 Evans

"Analyzing Airfreight Connectivity of Transshipment at Hub Airport"

Yonghwa Park, Inha University
Joong Yup Kim, Inha University
Hun-Koo Ha, Inha University

"On the Relationship Between Distance and Cargo Flow Volume in Mexican Domestic Air Transportation Network"

Oscar Rico - Galeana, Mexican Institute of Transportation

"Classifying and Reducing Commodity Variety in Air Freight Activities"

Mehdi Mohseni Aliabadi, University College of Boras

"A Study on Cargo Aircraft Fleet Routing and Timetable Setting in Taiwan's Airline"

Tay-Lin Hwang, Chang Jung Christian University
Yi-Ting Su, Chang Jung Christian University

"The Coming Emergence of Direct Cross-Strait Air Services: Potential Demands and Implications for Taiwan-China Air Cargo Market"

Ming-Cheng Wu, Cranfield University
Peter Morrell, Cranfield University

"VARIGLOG Domestic Freight Route Structure - Impacts Due to VARIG Resizing and Restructuring"

Leandro Silveira, ITA - Technological Institute of Aeronautics
Carlos Muller, ITA - Technological Institute of Aeronautics
Claudio J.P. Alves, ITA - Technological Institute of Aeronautics

17:15 - 18:00: Closing Plenary Session

502 Davis
Invitation by the 2008 Athens Conference Organizing Committee
ATRS Business