



Detailed Session Schedule

CONCURRENT SESSIONS

WEDNESDAY JULY 7

Concurrent Session I

14.30 – 16.00

Room B012

Session I A – Low Cost Carriers

Chair: Martin Dresner, University of Maryland

1. An Analysis of European Low-Cost Carriers' Cost Advantages on Short-Haul Routes, Paper # 296

Zheng Lei, Peter Morrell: Cranfield University, UK

2. European LCCs Going Hybrid – An Empirical Survey, Paper # 41

Roland Conrady, Frank Fichert, Richard Klophaus: Worms University of Applied Sciences, Germany

3. Low Cost Fares' Response to New Entry, Paper # 164

Malighetti Paolo, Paleari Stefano, Renato Redondi: University of Bergamo, Italy

4. Is the LCC an Independent Sustainable Business Model? Paper # 290

Jaap de Wit: University of Amsterdam, The Netherlands

Joost Zuidberg: SEO Economic Research, The Netherlands

Room B016

Session I-B - Aviation and Environment I

Chair: Jean Bresson, Ecole Nationale De L' Aviation Civile, France

1. Effects of Emission Trading Schemes in Air Transport, Paper # 3

Yulai Wan, Anming Zhang: University of British Columbia, Canada

2. Economic and Competitive Impacts of the Worldwide Upcoming Differently Designed Emissions Trading Systems on the International Aviation Sector, Paper # 87

Janina Scheelhaase: German Aerospace Center (DLR), Germany

3. Estimating the Long-Term Economic and Ecologic Impact of the Inclusion of International Aviation into the EU Emissions Trading Scheme for the Limitation of CO2 Emissions, Paper #92

*Martin Schaefer, Janina Scheelhaase, Wolfgang Grimme, Sven Maertens:
German Aerospace Center (DLR), Germany*

**4. Aviation Emissions after Copenhagen: An Institutional Impasse?
Paper #23**

Martin Staniland: University of Pittsburgh, USA

Room B021

Session I-C - Airport Economics I

Chair: Peter Forsyth, Monash University, Australia

**1. Competition in Complementary Goods: Airport Handling Markets
and Council Directive 96/67/EC, Paper # 17**

Cristina Barbot: CEF.UP Faculty of Economics of Porto, Portugal

2. Does Slot Regulation Exacerbate Airport Capacity Use? Paper # 185

Hideki Fukui: Ehime University, Japan

**3. Airport – Airline Cooperation under Demand Uncertainty, Paper #
150**

*Jiejian Feng, Xiaowen Fu, Agachai Sumalee: The Hong Kong Polytechnic
University, Hong Kong*

Anming Zhang; The University of British Columbia, Canada

**4. Vertical Relations in the Air Transport Industry: A Facility-Rivalry
Game, Paper # 171;**

Tiziana D'Alfonso: Sapienza Università di Roma, Italy

Alberto Nastasi: University of Bergamo, Italy

5. Regulation of Airport Charges in Germany, Paper # 327

Andreas Hoffjan, Florian Müller: TU Dortmund, Germany

Jurgen Muller, Carsten Konig: GAP Team HWR Berlin

Room B022

Session I-D – Airline Business I

Chair: Alvaro Costa, FEUP, Portugal

**1. Can We Make Money in the Aviation Industry? Profitability in the
Airline Vs. Airport Business, Paper # 24**

*Hans-Arthur: International University of Applied Sciences Bad Honnef-
Bonn, Germany*

Anne Graham: University of Westminster, UK

**2. Cost & Revenue Convergence of Airlines Business Models in the UK,
Paper # 80**

Uttam Kumar Regmi, Nigel Halpern: Molde University College, Norway

3. A Profitability Analysis of Low Fare Long-Haul Flight Operations, Paper # 122

Jost Daft, Sascha Albers: University of Cologne, Germany

4. All-Premium-Class Services on Medium-Haul Leisure Routes – A Viable Niche in the Air Transport Sector? Paper # 134

Sven Maertens: German Aerospace Center (DLR), Germany

5. A Fresh View on Airline Profitability Cycles – Determinants, Characteristics and Regional Disparities, Paper # 260

Andreas Eichinger: European Center of Aviation Development – ECAD GmbH, Germany

Andrease Lueg-Arndt: Association of German Chambers of Industry and Commerce (DIHK e.V.), Germany

Room B033

Session I-E – Demand and Forecasting I

Chair: Sveinn Gudmundsson, Toulouse Business School, France

1. Long-Term Demand Forecast: the Kenza Approach, Paper # 56

Daniel Sallier: Aéroports de Paris, France

2. Gravity Models for Airline Industry in Mexico, Paper # 207

Victor Valdes, Jose Carlos Ramirez: Universidad Anahuac, Mexico

3. The Main Determinants of Passenger's Choice Behavior of Access Transportation Mode to International Hub Airport: A Case of Takamatsu/Tokushima to Kansai International Airport, Paper # 328

Chikako Keumi: Osaka Seikei College, Japan

Hideki Murakami: Kobe University, Japan

4. Demand estimation and forecasting for Brazilian Air Transport, Paper # 118

Hilton Notini, Priscila Bastos: National Civil Aviation Agency, Brazil

5. Demand Correlates of Scheduled Airline Service, Paper # 67

Wilfred Sebastian Manuela: Asian Institute of Management, Philippines

Room B034

Session I-F – Air Traffic Management I

Chair: Dawna Rhoades: Embry-Riddle Aeronautical University, USA

1. Advanced Air Traffic Management Technologies: The ADS-B Impact Over ATM Concepts – The Case for Portugal, Paper # 202

Cláudia Rodrigues, Jorge Silva: Beira Interior University, Portugal

2. Optimal Scheduling and Speed Adjustment of arrival Airplanes, Paper # 100

Yen-Ju Li, Ta-Chung Wang: National Cheng-Kung University, Taiwan

3. Strategic Time Window Assignment in the Air Traffic Management System, Paper # 90

Lorenzo Castelli, Paola Pellegrini: Università degli Studi di Trieste, Italy

4. Study on the Influence of ADS-B Operation via Preliminary Operation Test, Paper # 342

Do-Hyun Kim, Gyo-Young Hong: Hanseo University, Korea

Room B028

Session I-G – Airport Planning I

Chair: Alexandre de Barros, National Civil Aviation Agency, Brazil

1. Simplifying the Business: The Role of Airports Athens International Airport Case Study, Paper # 58

Ioanna Papadopoulou: Athens International Airport, Greece

Kostas Iatrou: Hellenic Aviation Society, Greece

2. Improving Sustainability of Airport Landside Accessibility: What is the Potential of Light Rail Rapid Transport System (LRRTS), Paper # 7

Milan Janic: Delft University of Technology, The Netherlands

3. A Planning Support System for Airport City Development, Paper # 14

Arron Walker, Douglas Baker: Queensland University of Technology, Australia

4. Study on the Commercial Activity Patterns and Space Planning for Terminal Building of Off-Shore-Island Airport, Paper # 289

Sui-Ling Li: National Penghu University, Taiwan

Room B027

Session I-H – Special Panel Session on Assessing the Economic Market Power of Amsterdam Airport Schiphol

Chair: Prof. Dr. Jürgen Müller (Berling School of Economics and Law)

Panelists:

Prof. Dr. Volodymyr Bilotkach (UC Irvine)

Prof. Dr. Frank Fichert ((University of Applied Sciences, Worms)

Prof. Dr. Hans-Martin Niemeier (University of Applied Sciences, Bremen)

Dr. Eric Pels (Vrije Universiteit Amsterdam)

Prof. Dr. Andreas Polk (Berlin School of Economics and Law)

WEDNESDAY JULY 7

Concurrent Session II

16.30 – 18.00

Room B012

Session II-A – Low Cost Carriers II

Chair: Yimin Zhang, China Europe International Business School, China

- 1. Low-Cost Carriers Fare Competition Effects, Paper # 347**
Rafael Bernardo Carmona Benitez, Gabriel Lodewijks: Delft University of Technology, The Netherlands
- 2. The Attribute and Role of Perceived Risks in South Korean Low Cost Carriers, Paper # 69**
Hew Jong Choi: Kyungin Women's College, Korea
- 3. Main factors that hamper LCCs development in Japan, Paper # 239**
Masako Okano: The University of Tokyo, Japan
- 4. An Empirical Analysis of Dynamic Competition between the US LCCs and Full Service Carriers, Paper # 180**
Hideki Murakami: Kobe University, Japan
- 5. The Effects of Low Cost Carriers on Regional Airports: An Empirical Analysis in the UK, Paper # 259**
Muneki Yokomi: Osaka University of Commerce, Japan

Room B016

Session II-B – Aviation and Environment II

Chair: David Pitfield, Loughborough University, UK

- 1. Carbon Dioxide Emissions from Aviation: What are the Reliable Estimates, Paper #216**
Annela Anger: University of Cambridge, UK
Sveinn Vidar Gudmundsson, Toulouse Business School, France
- 2. Development of a Model for the Calculation of Aircraft CO2 Emissions, Paper # 318**
Pgoni Ionna, Psaraki Voula: National Technical University of Athens, Greece
- 3. Environmental Benefits of Intermodality: The Example of Madrid Barajas, Paper # 68**
Massimiliano Zanin, Ricardo Herranz, Sophie Ladousse: INNAXIS Foundation & Research Institute, Spain

- 4. Using Analytical Hierarchy Process for Aviation Environmental Decision Making and Interdependency Modelling, Paper # 331**
Daniel Pearce: ENVISA, France

Room B021

Session II-C – Airport Economics II

Chair: Anming Zhang, University of British Columbia, Canada

- 1. Airline Networks and Airport Congestion, Paper # 157**
Eric Pels: VU, The Netherlands
- 2. Economic Analysis of the Benefits of the Wright Amendment Reform Act, Paper #286**
Sharon Sarmiento: Unison Consulting Inc., USA
- 3. The Assessment of Market Power of Airports, Paper # 339**
Andreas Polk: Berlin School of Economics and Law, Germany
Volodymyr Bilotkach: University of California, Irvine, USA
- 4. Market Power of Hub Airports: The Role of Lock-In Effects and Downstream Competition, Paper # 194**
Florian Allroggen, Robert Malina: University of Muenster, Germany
- 5. Seat Capacity Concentration Patterns for US and EU Airports, 1990-2009, Paper # 99**
Pere Suau-Sanchez: Universitat Autònoma de Barcelona, Spain
Guillaume Burghouwt: SEO Economic Research, Spain
Xavier Fageda, Universitat de Barcelona

Room B022

Session II-D – Airline Business II

Chair: Paul Hooper, Emirate of Abu Dhabi Department of Transport, United Arab Emirates

- 1. Limits on Strategy Development: Double-Trouble in Asian Markets, Paper # 288**
Ian Douglas: University of New South Wales, Australia
- 2. Examination of Multinationalization and Internationalization in Airline Business: Impact on Performance from Viewpoints of International Business Studies, Paper # 220**
Nobuaki Endo: Tokyo University of Marine Science and Technology, Japan
- 3. Airships as a Complement for Traditional Cargo and Passenger Air Transport: The Case for Portugal, Paper # 167**
Hugo Palma: NORTÁVIA - Transportes Aéreos SA, Portugal
Lia Pereira, Jorge Silva: Beira Interior University, Portugal
- 4. Airline Survival Strategies, Paper # 54**
Vasco Reis, Rosário Macário: Instituto Superior Técnico, Portugal

5. Impact of the Economic Crisis 2008/09 on European Airlines – An Airline Business Model Oriented Approach, Paper # 265

Alexandra Leipold, Hansjochen Ehmer: German Aerospace Center (DLR), Germany

Room B033

Session II-E – Demand and Forecasting II

Chair: Dieter Wilken, German Aerospace Center, Germany

1. A 20-year Global Air Travel Demand: the New ICAO Methodology and Results

Narjess Teyssier: ICAO

2. Analyzing Factors of Mobility in Context of Airline Choice in Periheral Regions of the European Union, Paper #142

Raquel Espino, Juan Carlos Martín, and Concepción Román: Universidad de Las Palmas de Gran Canaria, Spain

3. Modeling Air Cargo Demand Generation Within a Three-Tier Supply-Demand Interaction Model, Paper # 106

Peter A. Meincke, Stephan Horn: DLR German Aerospace Center, Germany

Florian M. Heinitz: FH Erfurt University of Applied Sciences, Germany

Dirk Steiger: Frankfurt Airport Cargo City Sued (CCS), Germany

Uwe Schomaecker: Technical University of Braunschweig

4. Scenarios for the Aviation Industry A Delphi-based Analysis for 2025, Paper # 263

Marco Linz: European Business School, Germany

5. INTERNATIONAL AIRPORT OF RIO DE JANEIRO: ABLE TO ATTEND THE PASSENGER DEMAND DUE TO THE OLYMPICS IN 2016? Paper #256

Fabiene Cristina, Marcela Rubert, Universidade Federal do Rio de Janeiro – PET/COPPE, Brazil

Room B034

Session II-F – Air Traffic Management II

Chair: Nadin Pilon, EUROCONTROL, France

1. The Collection of Actual Flight Movements as Input Data for Air Transport Modelling – A Concept for the Application of the ADS-B Transponder Technology, Paper # 133

Wolfgang Grimme: German Aerospace Center (DLR), Germany

2. Development of a Strategy for using Global Navigation Satellite System (GNSS) in Iran, Paper # 208

Hamidreza Bahramian, Khalil Zamani: Transportation Research Institute, Iran

3. Modeling Aircraft Operations in NextGen Using Queueing Theory, Paper #273

Tasos Nikoleris, Mark Hansen: University of California, Berkeley, USA

4. Egalitarian and Prioritized Balancing Distribution Policies Study Using Dinic's Maximum Flow Algorithm, Paper # 235

Cícero Roberto Ferreira de Almeida, Alessandro Ferreira Leite, Weigang Li, Alba Cristina Magalhães Alves de Melo: University of Brasilia, Brazil

5. Effects on Airline Costs of Different Air Traffic Management Scenarios: an Assessment Method Based on Fast-time Simulation Outputs, Paper # 147

Radosav Jovanovic, Obrad Babic, Vojin Tošic: University of Belgrade, Serbia

Lorenzo Castelli: University of Trieste, Italy

Room B027

Session II-G- Airport Planning II

Chair: Kostas Iatrou, Hellenic Aviation Society, Greece

1. Design of Airport Passenger Terminals for Automated Processing, Paper # 83

Alexandre G. de Barros, Fabio F. R. Rabbani, Adival Magri Jr.: National Civil Aviation Agency, Brazil

2. Assessment of Low Cost Terminal Configuration in Airport, Paper # 143

Batari Saraswati, Shinya Hanaoka: Tokyo Institute of Technology, Japan

3. Airport City Concept Implementation within Small and Medium Size Regional Airports, Paper # 344

Natalia Roj: Airports Council International, Switzerland

4. Guidelines for Low Cost Terminal (LCT) Development: A Comparison Study of the LCT Experience in the Asia Pacific, European and United States Regions, Paper # 25

Rohafiz Sabar, Rodney Fewings: Northern University of Malaysia, Malaysia

THURSDAY JULY 8

Concurrent Session III

09.00 – 10.30

Room B011**Session III-A – Aviation and Tourism**

Chair: Eric Pels, Free University, The Netherlands

1. **Tourism Impacts in Southeast Asia from Aviation Carbon Pricing, Paper # 320**
Daniel Veryard: GHD Pty Ltd, Australia
2. **Evaluation and Decision Criteria of Airport Gateway To/From Overseas in Supporting the International Tourism in Indonesia, Paper # 326**
Sakti Adji Adisasmita: Hasanuddin University, Indonesia
3. **The Interdependence Between Airline Network Planning and Tourism Flows: The Case of Athens Airways Seasonal Routes “Thessaloniki Mykonos” and “Thessaloniki-Santorini, Paper # 334**
Ioulia Poulaki: Athens Airways, Greece
Andreas Papatheodorou: University of the Aegean, Greece
4. **The Roles of Charter Flights in Sino-Japan Tourism: A Geographical Analysis, Paper # 338**
Chuntao Wu, Yoshitsugu Hayashi: Nagoya University, Japan

Room B012**Session III-B – Aviation and Environment III**

Chair: Hun-Koo Ha, Inha University, Korea

1. **An Analysis of the Impact of Aircraft Lifecycles on Aviation Emissions Mitigation Policies, Paper # 95**
Lynnette Dray: Cambridge University, UK
2. **Development of Noise and Emission Charges at Airports and Their Impact on Airline Operations, Paper # 191**
Mtthias Braun, Sven Maertens, Marco Weiß: Deutsches Zentrum für Luft- und Raumfahrt (DLR), Germany
3. **Environmental Awareness and the Future of Flying – A Scenario-Based Approach, Paper # 26**
Peter Phleps: Technische Universität München, Germany
Axel Becker: Airbus Operations GmbH, Germany
Mara Cole: Bauhaus Luftahrt, Germany
Nicolas Tschechne, Airbus Operations GmbH
4. **Measures to Manage Emissions from Aircraft and Airport Operations – Strategies for Airports in Taiwan, Paper # 229**
Cherie Lu: Chang Jung Christian University, Taiwan
5. **A Model of Air Traffic Assignment as a Measure for Mitigating Pollution at Airports: The Nikola Tesla Airport Case, Paper # 37**
Petar Mirosavljevic, Slobodan Gvozdenovic, Olja Cokorilo: University of Belgrade, Serbia

Room B016**Session III-C – Airport Economics III**

Chair: Hans-Martin Niemeier, University of Applied Sciences Bremen, Germany

- 1. Airport Congestion Pricing and Passenger Types, Paper # 39**
Achim I. Czerny: WHU – Otto Beisheim School of Management, Germany
Anming Zhang: University of British Columbia, Canada
- 2. Slot misuse delays and airport collaborative decision making in regional coordinated airports, Paper # 219**
Katsaros Athanasios, Psaraki Voula: National Technical University of Athens, Greece
- 3. Improvements and Application of an Airport Congestion Pricing Model, Paper # 343**
Xingwu Zheng, Beibei Ge: Civil Aviation University of China, China
- 4. Analysis on Airport-Airline Relationship with Risk Sharing Contract - Load Factor Guarantee Mechanism Case, Paper # 203**
Univeristy of Toyko: Katsuya Hihara, Japan
- 5. Recent Changes in the Structure of German Airport Charges, paper #278**
Zareh Asatryan, Humboldt University of Berlin, Germany
Marius Barbu, Juergen Mueller, Berlin School of Economics and Law, Berlin

Room B021**Session III-D – Airline Operation**

Chair: Yeong-Heok Lee, Korea Aerospace University, Korea

- 1. Quantifying Airline Delay Costs – The Balance Between Strategic and Tactical Costs, Paper # 252**
Andrew Cook, Graham Tanner: University of Westminster, UK
Philippe Enaud: Eurocontral
- 2. Applicability of Theoretical Approaches for Airplane Boarding, Paper # 163**
Holger Appel, Rolf Henke: Institute of Aeronautics and Astronautics, RWTH Aachen, Germany
- 3. Ant Colony Optimization Applied on Weekly Fleet Assignment with Time Window Model, Paper # 12**
Pasu Ratprasert, Ta-Chung Wang: National Cheng Kung University, Taiwan
Mnoj Lohatepanont: Chulalongkorn University, Tailand
- 4. Aircraft Asset Management: Tools & Airline Strategies during a World Market Downturn, Paper # 9**
Darcy Olmos Mancilla: AirBusiness Academy, France
- 5. Dynamic Air Fleet Assignment Model Based on Demand and Fleet Operational Specification, Paper # 249**

M. Saffarzadeh, Yashar Zeinali, M. Zabih: Tarbiat Modarres University, Iran

Room B022

Session III-E – Air Transport Development

Chair: Narjess Teyssier, ICAO

- 1. The Evolving Business Aviation Sector in the GCC Region, Paper # 65**
Paul Hooper, Zain Al Zubaidi, Fatima Al Kaabi: Emirate of Abu Dhabi Department of Transport, United Arab Emirates
- 2. Small Aircraft as a Personal Mean of Transport, Paper # 329**
Javier Romero, Miguel Palacios, Javier Tafur: Univesidad Politecnica de Madrid, Spain
- 3. Wheels Up: Addressing Challenges within the Aviation Supply Chain, Paper # 257**
Amir M. Sharif, Sarmad Alshawi, Abraham Althonayan: Brunel University, UK
- 4. Potential for Abu Dhabi, Doha and Dubai Airports to Reach their Traffic Objectives, Paper # 333**
Marion Murel, John F. O'Connell: Cranfield University, UK
- 5. Investigating the Role of the Iranian International Market in the Middle East Air Travel Demand Growth, Paper # 312**
Shahrokh Zohrabzadeh Bozorgi, Pedram Keshavarzian: Arapi System Engineering Consultants, Iran

Room B033

Session III-F – Airline Traffic Management III

Chair: Wolfgang Grimme, German Aerospace Center, Germany

- 1. Investment in the Skies: Consultation on Investment and Technology Decisions in Air Traffic Management, Paper # 84**
Margaret Arblaster: Australian Competition and Consumer Commission (ACCC), Australia
- 2. Expected Congestion and Schedule Padding, Paper # 301**
Volodymyr Bilotkach: University of California, Irvine, USA
Nick Rupp: East Carolina University, USA
Vivek Pai: Deloitte
- 3. Airspace Complexity Factor in ATFM Scenario Evaluation, Paper # 11**
Antonio Crespo, Weigang Li: University of Brasilia, Brazil
- 4. Long-Term Challenges for Air Transport at the Horizon 2030, Paper # 30**
Nadine Pilon: EUROCONTROL Experimental Centre, France

5. Modulation of Route Charges as a Method to Relieve the Airspace Congestion: Problem, Past Contributions and a Way Forward, Paper # 193

Radosav Jovanović: University of Belgrade, Serbia

Room B034

Session III-G – Airport Operation I

Chair: Yonghwa Park, Inha University, Korea

1. Monitoring the Aircraft Turn-Round Process: Applying A Qualitative Cognitive Model Based on Field Operations, Paper # 57

Matthias Groppe: Cranfield University, UK

2. Modeling of Turnaround Process using Petri Nets, Paper # 272

Andrija Vidosavljević, Vojin Tošić: University of Belgrade, Serbia

3. Acceptance of Self Service Check-In at Zurich Airport, Paper # 2

Andreas Wittmer: University of St. Gallen, Switzerland

4. Passenger Surveys as a Tool for Level of Service Analysis at Airport, Paper #270

Giovanna Micelli Ronzani Borille, Anderson Ribeiro Correia: Aeronautics Institute of Technology, Brazil

5. Modeling Passengers' Choice Behavior of Check-in Services: Case Study Involving Taiwanese, Korean, Australian and American Air Travellers, Paper #199

Jin-Long Lu: Chang Jung Christian University

Jungkyu Choi, Wen-Chun Tseng: The University of New South Wales

Concurrent Session IV

11.00 – 12.30

Room B011

Session IV-A – Aviation and Economical & Social Development

Chair: Andreas Papatheodorou, University of the Aegean, Greece

1. An Input-Output Model to Quantitative the Benefits of Tourist Airports on Regional Economy, Paper # 190

Dimitrios J. Dimitriou, Mary Sartzetaki: Cranfield University, UK

D.E. Pitfield: Loughborough University, UK

2. Analysis of Regional Airports as a Factor of Development in Brazil, Paper # 247

Carla Conceição Lana Fraga, Marcio Peixoto de Sequeira Santos, Sérgio de Castro Ribeiro: Federal University of Rio de Janeiro, Brazil

3. Air Transport: Its Necessity for Social Inclusion and Economic Development, Paper # 152

Austin Smyth, Georgina Christodoulou, Nigel Dennis, Marwan Al-Azzawi and Jonathan Campbell: University of Westminster, UK

4. FIFA World Cup 2014: Analysis of the Accessibility of Airports, Paper # 186

*Aurélio Ferreira Braga: National Land Transport Agency - (ANTT), Brazil
Erivelton Pires Guedes: Institute of Applied Economic Research (IPEA), Brazil
Rogério Pecci Filho: National Civil Aviation Agency - Brazil (ANAC), Brazil*

5. Impact of Airports on Regional Accessibility and Social Development, Paper # 212

Nigel Halpern, Svein Bråthen: Molde University College, Norway

Room B012

Session IV-B – Aviation and Environment IV

Chair: Katsuya Hihara, University of Tokyo, Japan

1. Environmental Tools - GAMMA (Generator of Aircrafts and Motors required to Manage the Air transport demand), Paper # 314

Jean Bresson: École Nationale de l'Aviation Civile, France

2. The Contribution of the Aircraft Noise to the Urban Noise Annoyance, Paper # 267

Rogéria de Arantes Gomes Eller, Protógenes Pires Porto: Instituto Tecnológico de Aeronáutica, Brazil

3. Introducing an Emissions Trading Scheme in the North-American Aviation Industry: an Assessment of Potential System Designs, Economic Impacts and Ecologic Effects, Paper # 28

Jan Vespermann: European Business School, Germany

4. Airline Carbon Offset: Passengers' Willingness to Pay and Reason to Buy, Paper # 8

S.K. Jason Chang: National Taiwan University, Taiwan

Joel Zhengyi Shon: Department of International Business Management, Taiwan

Tzuoo-Ding Lin: National Cheng Kung University, Taiwan

Yan-Heng Chen: National Chiao Tung University, Taiwan

5. Airport Sustainable Development: what about Managing Water Needs? Paper # 130

Dimitrios J. Dimitriou, Asimina J. Voskaki: Cranfield University, UK

Room B016**Session IV-C – Airport Business**

Chair: Chunyan Yu, Embry Riddle Aeronautical University, USA

1. **An Investigation into Stated Pricing Requirements in US Airport Retail Concession Requests for Proposals, Paper # 297**
Blaise Waguespack: Embry Riddle Aeronautical University, USA
2. **Airports as Platforms for Two-sided Markets, Paper # 173**
Stephen J. Appold, John D. Kasarda: University of North Carolina, USA
3. **Airport Management in the Aftermath of Public Reforms Business Models for the 21st Century, Paper # 119**
Laurence Catherine Frank: Université de Strasbourg, France
4. **Airport Investment Analysis in Unstable Markets, Paper # 322**
Rui Neiva, Álvaro Costa: Universidade do Porto, Portugal
Mário Coutinho dos Santos: Universidade Católica Portuguesa, Portugal
Carlos Oliveira Cruz: Universidade Técnica de Lisboa, Portugal
5. **North American Airports Non-Aviation Performance, Paper # 284**
Nadezda Volkova: Berlin School of Economics and Law, Germany
Tim Ryley David Gillingwater: Loughborough University, UK

Room B021**Session IV-D – Airline Maintenance**

Chair: Andrew Cook, University of Westminster, UK

1. **Airline Maintenance Outsourcing, Paper # 348**
Araya Sakburanapech: Kasetsart University, Thailand
2. **Development of the Integrated Reliability Centered Maintenance Optimization Tool, Paper # 73**
I-Li Lu: The Boeing Company, USA
3. **The Analysis of Aircraft Maintenance Crews' Fatigue Factors, Paper #101**
Lu-Han Chung, Ta-Chung Wang: National Cheng-Kung University, Taiwan
4. **Aircraft Maintenance Cost In Brazilian Domestic Routes, Paper # 275**
Rogéria de Arantes Gomes Eller, Michelle Aparecida G. E. Araújo: Instituto Tecnológico de Aeronáutica, Brazil
5. **Modern Times. The Gap Between Aircraft Modernity And Airlines Maintenance Reality, Paper # 59**
Ana Maria Vieira: Instituto Tecnológico de Aeronáutica, Brazil

Room B022**Session IV-E – Air Service Liberalization and Open Skies I**

Chair: Japhet Law, Chinese University of Hong Kong, China

1. Evaluating the Changing Balance of Cost and Benefits from Airline Liberalisation, Paper # 85*Peter Forsyth: Monash University, Australia***2. The Impact of the British Airway's Open Skies Initiative on Passenger Numbers at Paris and Amsterdam Airports, Paper # 32***D.E. Pitfield: Loughborough University, UK***3. Transatlantic Aviation Relationship – Europe's Open Skies Agreements with the US and Canada, Paper # 287***Gregor Bischoff: German Aerospace Center (DLR), Germany***4. Analyzing the Effects of Air Transport Liberalization - Modeling and Calibration of Realistic Aviation Markets, Paper # 149***Xiaowen Fu, H.W. Ho, Agachai Sumalee: The Hong Kong Polytechnic University, Hong Kong**Tae. H. Oum: University of British Columbia, Canada*Room B033**Session IV-F – Human Factors**

Chair: Kichan Park, Inha University, Korea

1. Air Traffic Controller's SA and Workload Under Dynamic Air Traffic Situations, Paper # 47*Yeong Heok Lee, Jeong-Dae Jeon: Korea Aerospace University, Korea**Youn-Chul Choi: Han Seo University, Korea***2. Physiological Effects And Glider Pilot's Performance. The Case For Gliding Activity In Altitude And Near The Mountains (Serra da Estrela, Covilhã), Paper # 175***Ana Fonseca, Jorge Silva: Beira Interior University, Portugal***3. Influence of Human Error due to Similar Call-signs in ATC, Paper # 50***Yeong Heok Lee, Woo-Choon Moon, Jeong-Dae Jeon: Korea Aerospace University, Korea***4. A Study on Air Traffic Controllers' Human Error Influenced by Traffic Volume, Paper # 74***Woo-Choon Moon: Transport and Maritime Affairs of Korea, Korea**Kwang Eui Yoo: Korea Aerospace University, Korea**Youn-Chui Choi: Han Seo University, Korea*

Room B034

Session IV-G – Airport Operation II

Chair: Anderson Correia, Aeronautics Institute of Technology, Brazil

- 1. Capacity Estimation Model For Multiple Crossing Runways And The Impact Of Sequencing Change –Case Study of Haneda Airport with 4th Runway, Paper # 224**

Terumitsu Hirata: Institute for Transport Policy Studies, Japan

Azumanosuke Shimizu, Tetsuo Yai: Tokyo Institute of Technology, Japan

- 2. A Capacity Study of Sao Paulo – Congonhas Airport Movement Area Using Computer Simulation, Paper # 20**

João Carlos Medau, Nicolau D. Fares Gualda: Universidade de São Paulo, Brazil

- 3. Methodology Followed in the Determination of the Peak Hour Parameters for Buenos Aires City Airport, Paper # 204**

A. Pesarini, V. Nadal Mora, J. Piechocki, A. Di Bernardi: Universidad Nacional de La Plata, Argentina

- 4. Airfield Traffic Complexity, Paper # 144**

Tatjana Krstic Simic, Vojin Tosic: University of Belgrade, Serbia

- 5. Airfield Modelling – State Of The Art, Paper # 146**

Bojana Mirkovic: University of Belgrade, Serbia

Concurrent Session V

14.00 – 15.30

Room B011

Session V-A – Regional Airports

Chair: António Pais Antunes, Universidade de Coimbra

- 1. The Airport Network of the Iberian Peninsula: Analysis of Recent and Future Developments, Paper # 340**

Álvaro O. Costa: FEUP, Portugal

Miguel G. Santos: University of Coimbra, Portugal

- 2. Effects of Regional Airports in the Air Transport System - The Case of Switzerland, Paper #4**

Andreas Wittmer, Robert Weinert: University of St. Gallen, Switzerland

- 3. Asset Management Strategy of Regional Airports, Paper #352**

Daniel Mabazza, Yoshihei Shiotani, Mikiharu Arimura, Tohru Tamura: Muroran Institute of Technology, Japan

4. Regional, Rural And Remote Airports in Australia: Challenges and Opportunities, Paper # 319

Douglas Baker: Queensland University of Technology, Australia

5. Restructuring Japanese Regional Air Transport System with Chofu Airport in Tokyo, Paper # 109

Nobuaki Minato: Keio University, Japan

Yuki Utsumi: Tohoku University, Japan

Room B012

Session V-B – Aircraft Technology

Chair: Jorge Miguel Silva, Beira Interior University, Portugal

1. The SAE ARP 4754 Development Process Supported by DSM and DMM, Paper # 332

Marcelo José Ruv Lemes: Empresa Brasileira de Aeronáutica (EMBRAER), Brazil

João Batista Camargo Junior: School of Engineering at University of São Paulo (Poli-USP), Brazil

2. Factors Influencing Time and Cost Overruns in Aircraft Projects, Paper #227

Jörg Bellmann, Rahel Schomaker, Melanie Nofz, Andreas Knorr: Amsterdam German University of Administrative Sciences Speyer, Germany

3. Effect of The Engine Power and Weight on Fuel Consumption of Single Piston Trainer Airplanes, Paper #127

Kadir Armutlu, Mustafa Cavcar: Anadolu University, Turkey

António P. Antunes and Miguel G. Santos: University of Coimbra, Portugal

4. The A380 – The First Two Years and a Look at What Lies Ahead, Paper #166

Alexander Zock, Eva-Maria Cronrath: European Center for Aviation Development – ECAD GmbH, Germany

Room B016

Session V-C – Airport Ownership and Privatization

Chair: Raimon Kaduck, Canada Transportation Agency, Canada

1. Privatization and Regulation: a Review of Airport Industry Practices, Paper #313

Ferhan Kuyuoak: Anadolu University, Turkey

Bijan Vasigh, Embry Riddle Aeronautical University, USA

2. Urban Planning Consequences of Airport Privatization: The Recent Australian Experience, Paper # 184

Robert Freestone: University of New South Wales, Australia

3. Privatization in U.S. Airports, Paper # 285

Donald C. Arthur, Sharon Sarmiento: Unison Consulting, Inc., USA

4. A Contribution to the Study of PPP's in Airport Development, Management and Operation, Paper # 310

Carlos Oliveira Cruz, Rui Cunha Marques: Technical University of Lisbon, Portugal

5. The Impact of Airport Competition and Ownership Structure on the Efficiency of Italian Airports, Paper # 162

Davide Scotti, Gianmaria Martini, Paolo Malighetti, Nicola Volta: University of Bergamo, Italy

Room B021

Session V-D – Airline Performance

Chair: Peter Morrell, Cranfield University, UK

1. Malmquist Efficiency Analysis for Airline Companies, Paper # 116

Heloisa Márcia Pires, Elton Fernandes: Federal University of Rio de Janeiro, Brazil

2. Changes in Carbon Efficiency and Financial Performance of Firms over Time – An Empirical Analysis of European Airlines, Paper # 89

Chikage Miyoshi, Rico Merkert: Cranfield University, UK

3. Proposition of a Multi-Factor Productivity Model for Passenger Airlines, Paper # 16

Antonio Henriques de Araújo Junior, José Glênio Medeiros de Barros: Universidade do Estado do Rio de Janeiro, Brazil

Isabel Cristina dos Santos: Universidade de Taubaté, Brazil

4. IRAN AIR TOURS, Opportunities and Challenges: A Case Study on IRAN AIR TOURS, Paper # 5

Amir Menhaj: Iran Air Tours Airline & Multimedia University, Iran

Roshanak Safavi: Multimedia University Alum, Iran

Room B022

Session V-E – Airline Economics I

Chair: Volodymyr Bilotkach, University of California, Irvine, USA

1. Does Institutional Economics Add to our Understanding of the Air Transport Industry? Paper # 350

Kenneth Button: George Mason University, USA

2. A Model of Competition In Passenger Air Transport Markets, Paper # 129

Marc Ch. Gelhausen: German Aerospace Center (DLR), Germany

3. Measuring Competition Intensity through Cost Data, Paper # 160

Mark G. Lijesen: VU University Amsterdam, The Netherlands

Andreas Knorr: German University of Administrative Sciences Speyer, Germany

Silvia Rucinska: P.J.Šafárik University Košice, Germany

4. Fuel Price Hedging in the Airline Industry, Paper # 315

Sunder Raghavan: Embry-Riddle Aeronautical University, USA

Room B033

Session V-F – Strategic Management and Human Resources Development

Chair: Blaise Waguspach, Embry-Riddle Aeronautical University, USA

1. Employer Expectations in the Aviation and Aerospace industry: The ‘Job Ready’ Graduate, Paper # 113

Dawna L. Rhoades, Daniel Petree: Embry-Riddle Aeronautical University, USA

2. The Use of an Airline Business Simulation as an Innovative Tool for Developing the Next Generation of Aviation Management Professionals, Paper # 48

Peter J. Bruce, David G. Newman: Swinburne University of Technology, Australia

3. Corporate Social Responsibility and Financial Performance in the Airport Industry, Paper # 93

Eleni Rapti, Francesca Medda: University College of London, UK

4. Strategic Technology Assessment for the Airline Industry, Paper # 126

Abraham Althonayan, Sarmad Alshawi, Amir Sharif: Brunel University, UK

Room B034

Session V-G – Network and Competition I

Chair: Nigel Dennis, University of Westminster, UK

1. De-Hubbing Cases and Recovery Patterns, Paper # 52

Renato Redondi: University of Brescia, Italy

Paolo Malighetti, Stefano Paleari: University of Bergamo, Italy

2. Route Competition in Multi-Airport Cities in the US, Paper #96

Woohyun Cho, Robert Windle: University of Maryland, USA

Christian Hofer: University of Arkansas, USA

3. Determining Hub Efficiency in Europe, Middle East and North Africa - A Comparative Study, Paper # 18

Mehmet Sükrü Nenem: Turkish Airlines, Turkey

Emine Nur Günay: Boğaziçi University, Turkey

4. Do Carriers Dominate their Connecting Markets? An Analysis of the Determinants of Hub Competition in Europe, Paper # 102

Guillaume Burghouwt: Airneth/ SEO Economic Research, The Netherlands

Rogier Lieshout: SEO Economic Research, The Netherlands

THURSDAY JULY 8

Concurrent Session VI

16.00 – 17.30

Room B011

Session VI-A – Air Traffic Management IV

Chair: Xavier Fageda, University of Barcelona

1. Overview of Augmented Reality Research in Air Transport, Paper # 82

Gabriel Aprigliano Fernandes, Alvaro L.G.A. Coutinho: COPPE/Federal University of Rio de Janeiro, Brazil

2. Conflict Risk Assessment Model for Airspace Strategic Planning, Paper # 136

Fegja Netjasov: University of Belgrade, Serbia

3. Airspace Congestion: Investment and Cost-Sharing in the Air Traffic Control Systems, Paper # 215

Kiyotaka Yuguchi: Sagami Women's University, Japan

Hirokazu Nishizawa: Ministry of Land Infrastructure of Japan, Japan

4. Implications in the Implementation of Functional Airspace Block Central Europe, Paper # 132

Tomislav Mihetec, Sanja Steiner: University of Zagreb, Croatia

Zoran Jakšić: Croatia Control Ltd, Croatia

Room B012

Session VI-B – Aviation Safety and Security I

Chair: Joel Shon, Tainan University of Technology, Taiwan

1. A Study on the Aviation Safety Information System in Korea, Paper # 182

Kang-Seok Lee, Eun-Suk Seol: Hanseo University, Korea

2. **Iran Aircraft Accidents and Aviation Safety Challenges Modeling by Applying System Dynamics Method, Paper # 192**
Mohsen Eini, Masood Rezaee: Sharif University of Technology, Iran
Farhad Alinejad: Khaje Nasir Toosi University of Technology, Iran
3. **Could the Current Safety Standards be Doing our Critical Systems more Unsafe?, Paper # 253**
Lucio F. Vismari, Ricardo A. V. Gimenes, Jorge Rady de Almeida Junior, Joao Batista Camargo Junior: University of São Paulo, Brazil
4. **A Probabilistic Risk Assessment Technique for Aircraft Landing Safety Management, Paper # 1**
Olja Cokorilo, Slobodan Gvozdenovic, Petar Mirosavljevic: The Faculty for Traffic and Transport Engineering, Serbia
5. **RNP-AR AND APV APPROACH SYSTEMS. THE CASE FOR PICO ISLAND AIRPORT, Paper #77**
Duarte Medeiros and Jorge Silva, Beira Interior University, Portugal

Room B016

Session VI-C – Airport Performance I

Chair: Bijan Vasigh, Embry Riddle Aeronautical University, USA

1. **Measuring the Technical Efficiency of Airports in Latin American and the Caribbean, Paper # 66**
Sergio Perelman: University of Liege, Belgium
Tomas Serebrisky: The World Bank
2. **Brazilian Airport Productivity Analysis in an International Context, Paper # 94**
Ana Luiza Lima de Souza: COPPE/UFRJ/Rio de Janeiro, Brazil
Ricardo Rodrigues Pacheco: INFRAERO/Rio de Janeiro, Brazil
Elton Fernandes: PEP/COPPE/UFRJ/Rio de Janeiro, Brazil
3. **Performance Benchmarking of Worldwide Airports Using Frontier Methods, Paper # 309**
Pedro Simões, Carlos Oliveira Cruz, Rui Cunha Marques, Pedro Carvalho: Technical University of Lisbon, Portugal
4. **Airside Efficiency of Selected European Airports, Paper # 112**
Tolga Ülkü: Humboldt University, Germany
Branko Bubalo: Aviation Environmental Consultant, Germany
5. **Analysis of Efficiency for Major Northeast Asia Airports: a Comparison of Parametric and Non-Parametric Methods, Paper #351**
Hun-Koo Ha, Inha University, Korea
Anming Zhang, University of British Columbia, Canada
Yuichiro Yoshida, National Graduate Institute for Policy Studies, Japan

Room B021**Session VI-D – Airport Economics IV**

Chair: Mark G. Lijesen: VU University Amsterdam, The Netherlands

- 1. The Impact of High Speed Rail on Airport Competition, Paper # 138**
Mark G. Lijesen: VU University Amsterdam, The Netherlands
Ilse Terpstra: Amsterdam Airport Schiphol, The Netherlands
- 2. Improving Connectivity at Cairo Airport, Paper # 306**
Jan Veldhuis, Rogier Lieshout: SEO Economic Research, The Netherlands
- 3. Managing the Multiple Airport System in the Area, Paper # 105**
Mikio Takebayashi: Kobe University, Japan
- 4. Analysing the Optimal Infrastructure for Economic Development and Industry Clusters in an Airport Metropolis' Region, Paper # 303**
Mirjam Wiedemann, Kerry Brown: Southern Cross University, Australia
- 5. An Empirical Investigation of Airport Evolution through Multidimensional Airport Classification, Paper # 245**
Mark Azzam, Kevin H.J. Lin, Uwe Klingauf: Technische Universität Darmstadt, Germany

Room B022**Session VI-E – Merger and Alliance**

Chair: Robert Windle, University of Maryland, USA

- 1. Whither Antitrust Immunity for Airline Alliances? Paper # 10**
Volodymyr Bilotkach: University of California, Irvine, USA
Kai Hüschelrath: ZEW Centre for European Economic Research
- 2. Assessing the Airfare Effects of Multimarket Contact in the Global Airline Alliance Setting, Paper # 279**
Li Zou, Chunyan Yu: Embry-Riddle Aeronautical University, USA
Martin Dresner: University of Maryland, USA
- 3. Effects of Opening Scheduled International Services at Tokyo International Airport on Route Choice Probabilities of Passengers Departing from Japan, Paper # 27**
Hidenobu Matsumoto: Kobe University, Japan, Rogier Rogier Lieshout, Jan Veldhuis and Jaap de Wit
- 4. Cross Border Mergers in the Airline Industry and their Impacts on Flight Networks – The Case of Lufthansa/Swiss, Paper # 81**
Simon Herkenhoener, Andreas Wald: European Business School (EBS), Germany
- 5. Airline Mergers in Europe – Implications for Competition Policy: An Overview, Paper # 251**
Adél Németh, Hans-Martin Niemeier: University of Applied Sciences Bremen Germany

Room B033

Session VI-F – Air Cargo I

Chair: Eddy van de Voorde, University of Antwerp, Belgium

1. **Is Developing an Air Cargo Airport in the Hinterland the Way of the Future? Paper # 281**
M. Fung, L. Leung, A. Yuen: The Chinese University of Hong Kong, Hong Kong
Y.V. Hui: City University of Hong Kong, Hong Kong
2. **Insights into the Airport Choice of Cargo Airlines in Europe, Paper # 159**
Franziska Kupfer: University of Antwerp, Belgium
3. **Evaluating the Service Quality for Air Cargo Operations of the Skyteam Cargo, Paper # 70**
Chi-Eun Na, Yonghwa Park: Inha University, Korea
4. **Overview of Major Brazilian Air Cargo Terminals, Paper # 62**
João Luiz de Castro Fortes, Anderson Ribeiro Correia: Aeronautics Institute of Technology – ITA, Brazil

Room B034

Session VI-G – Network and Competition II

Chair: Carlos Cruz, Technical University of Lisbon, Portugal

1. **Who's the Competitor Now? The Interaction Between Airlines in the European Market, Paper # 111**
Nigel Dennis: Univeristy of Westminster, UK
2. **Analytic Model for Airport Network in the Asia-Pacific Region, Paper # 71**
Sung-Yeoul Oh: The Korea Transport Institute, Korea
Yonghwa Park, Kichan Park: Inha University, Korea
3. **Network DEA Models for Air Transport Efficiency Assessment, Paper # 91**
Sebastián Lozano, Ester Gutiérrez: University of Seville, Spain
José Luís Salmerón: University Pablo de Olavide, Spain
4. **Airline Network Design under Congestion, Paper # 341**
João P. Pita, António P. Antunes: University of Coimbra, Portugal

FRIDAY JULY 9

Concurrent Session VII

09.00 – 10.30

Room B012

Session VII-A – Aviation and High Speed Rail

Chair: Viaoowen Fu, The Hong Kong Polytechnic University, Hong Kong

1. Air Transport and High Speed Rail: Assessment of Cooperation and Competition Strategies under a Cost Benefit Approach, Paper # 88

Agustín Alonso, Ofelia Betancor: Universidad de Las Palmas de Gran Canaria, Spain

2. Social Efficiency Benchmarking of Rail and Air Transport in Japan: a Comparison of Parametric and Non-Parametric Methods, Paper # 128

Hun Koo Ha: Inha University, Korea

Masashi Yamamoto: Toyama University, Japan

Yuichiro Yoshida: National Graduate Institute for Policy Studies, Japan

Anming Zhang: University of British Columbia, Canada

3. Dynamic Pricing of High Speed Rail with Transport Competition, Substitutable Schedule and Overbooking, Paper # 225

Kimitoshi Sato, Katsushige Sawaki: Nanzan University, Japan

4. When Trains Go Faster Than Planes: The Spanish Case of Intermodal Competition, Paper # 86

Juan Luis Jiménez, Ofelia Betancor: Universidad de Las Palmas de Gran Canaria

5. Domestic German Air - Rail competition depends on the efficiency of local urban transport systems, Paper # 72

Christian Blank, Carsten Gertz, Sonja Löwa: Hamburg University of Technology (TUHH), Germany

Room B021

Session VII-B – Aviation Safety and Security II

Chair: João Camargo, School of Engineering of University of São Paulo, Brazil

1. Improving Safety and Capacity at Old Airports: A Revolutionary Layout Shift for São Paulo/Congonhas Runway System, Paper # 294

Fabio Faizi Rahnemay Rabbani, Rodrigo Flório Moser: National Civil Aviation Agency – ANAC, Brazil

2. **Bird-strike Management: The Way Forward? Paper # 22**
Rodney Fewings: Cranfield University, UK
3. **Revisiting the Concept of Airport Security with the Question of Flu Virus A (H1N1), Paper # 195**
François Domergue: Inseec Business Schools, France
4. **Biometric Staff Access Control at Airports: Why so Little Progress? Paper # 29**
Christer J. Wilkinson: AECOM, USA

Room B016

Session VII-C – Airport Performance II

Chair: Anne Graham, University of Westminster, UK

1. **Airport Benchmarking by Economic Regulators, Paper # 324**
Hans-Martin Niemeier, Jürgen Müller, Annika Reinhold: University of Applied Sciences Bremen, Germany
2. **Incorporating Delays in Airport Benchmarking, Paper # 189**
Peter Forsyth: Monash University, Australia
Hans-Martin Niemeier: University of Applied Sciences Bremen, Germany
3. **Airport Operators as Stewards or Caretakers? Rethinking Comparisons of Airport Performance, Paper # 214**
Timothy Donnet: Queensland University of Technology, Australia
Kerry Brown: Southern Cross University, Australia
4. **New Empirical Evidence on Airport Capacity Utilisation – Relationships between Hourly and Annual Air Traffic Volumes, Paper # 110**
Peter Berster, Marc Gelhausen, Dieter Wilken: German Aerospace Center (DLR), Germany
5. **Benchmark of Sustainability Reports of European Airports, Paper # 264**
Hansjochen Ehmer: German Aerospace Center (DLR), Germany
Renj Parumalayil: International University of Applied Sciences Bad Honnef – Bonn, Germany

Room B034

Session VII-D – Airline Management and Strategy I

Chair: Christian Hofer, University of Arkansas, USA

1. **Presentation of Strategies to Promote the Performance of Iranian Airlines, Paper # 231**
Khalil Zamani, Hamidreza Bahramian: Transportation Research Institute, Iran
Kambiz Mostowfi Darban: Pars Masir Gostar Consultant Engineering, Iran
2. **A Quantitative Cross-Modal Analysis of Transportation Firms' Transaction Costs - Are Airlines any Different? Paper # 161**

Rico Merkert: Cranfield University, UK

Jonathan Cowie: Napier University, UK

3. An Analytical Model for the Assessment of Airline Expansion Strategies, Paper # 337

Mauricio Emboaba Moreira: Director of Planning of GOL Transportes Aéreos, Brazil

Room B022

Session VII-E – Air Service Liberalization and Open Skies II

Chair: Anders Knorr, German University of Administrative Sciences Speyer, Germany

1. Change Of Accessibility to International Airports in Tokyo Metropolitan Area, Paper # 233

Koichi Tanaka: University of Tokushima, Japan

2. The Impact of Direct Air Transportation Link cross Taiwan Strait on Air Cargo Transportation of China Mainland, Taiwan, Hong Kong and Macao, Paper # 206

Lu Wang, Hongtao Li, Yaowen Zhu: Science and Technology Research Center for China Aviation, China

3. An Analysis of China-EU Civil Aviation Relationship: Development and Problems, Paper # 64

Wei Lu: Civil Aviation University of China, China

Matthias Finger: EPFL - Ecole Polytechnique Fédérale Lausanne, Switzerland

4. The Geopolicy of Air Transport International Bilateral Agreements and Air Passenger Demand in Brazil, Paper # 169

Elton Fernandes, Eliane Gomes de Brito, Márcia Estrada Braga: Universidade Federal do Rio de Janeiro PEP/COPPE/UFRJ, Brazil

5. Open Skies Agreement Between EU and Mercosur and EU and Brazil: A Reality or a Fiction? Paper # 266

Maria Del Angel Iglesias: Universidad Camilo José Cela de Madrid, Spain

André Luis Dias Soutelino: Universidade Candido Mendes, Brazil

Denis Ribeiro Franca: Agência Nacional de Aviação Civil, Brazil

Room B033

Session VII-F – Air Cargo II

Chair: Peter Meincke, DLR German Aerospace Center, Germany

1. An Assessment of Key Factors Influencing the Management Strategies of Air Cargo Carriers, Paper # 211

E. Van de Voorde, Wouter Dewulf: University of Antwerp, Belgium

2. Shippers' Choice Behavior of Airfreight Services in New Business Structure, Paper # 295

Jungkyu Choi, Cheng-Lung Wu: The University of New South Wales, Australia

3. Air Freight and Merchandise Trade: A Disaggregated Analysis, Paper # 140

Franziska Kupfer, Hilde Meersman, Evy Onghena, Eddy Van de Voorde: University of Antwerp, Belgium

4. Air Freight and Green House Gas, Paper # 353

Thomas Bommer: Dubai

Room B027

Session VII-G – Network and Competition III

Chair: Cristina Barbot, CETE / Economic Faculty of Porto, Portugal

1. A Study on the Market Concentration of Korean Airline Industry, Paper # 336

Yeong Heok Lee, Jin Seo Park: Korea Aerospace University Korea

Jae Chul Kim: Korea Transport Institute, Korea

2. Factors of the Exits from the Route Market in Japan, Paper # 302

Kazuyuki Takada: Tokyo Denki University, Japan

Makoto Fujiu: University of Tokyo

3. The Impact of Market Competition on Airline Networks and Network Strategies, Paper # 246

Kevin H.J. Lin, Mark Azzam, Uwe Klingauf: Technische Universitaet Darmstadt, Germany

Eva-Maria Cronrath: European Center for Aviation Development – ECAD GmbH, Germany

4. Analyzing the Competition between Iranian Airlines, Paper # 262

Hamidreza Monajjemi: AmirKabir University of Technology, Iran

5. The Role of the Flag Carriers on the Hub Strategy of Major Airports; the Comparative Study among Continents, Paper # 345

Tae Seung Kim: Inha University, Korea

Concurrent Session VIII

11.00 – 12.30

Room B012

Session VIII-A – Airline Marketing

Chair: Shinya Hanaoka, Tokyo Institute of Technology, Japan

1. How to Improve Aviation Consumers' Rights: A Case in Korea, Paper # 181

Seock-Jin Hong: Bordeaux Management School, France

Je-Chul Kim: The Korea Transport Institute, Korea

2. Airlines' Use of Social Media, Paper # 139

Kristian A. Hvass, Ana Maria Munar: Copenhagen Business School, Denmark

3. Pie in the Sky? -The value of Frequent Flier Programs to Airline Customers and the Airline, Paper # 156

Christiaan Behrens, Eric Pels: VU University, The Netherlands

Nathalie McCaughey: Monash University, Australia

4. Do Incumbents Talk the Same Language as its Passengers? An Investigative Study to Validate the Result, Paper # 299

John F. O'Connell, UK George Williams: Cranfield University, UK

5. Understanding the Constraints of People with special needs in the Airport Environment, Paper No. 179

Rafael Teixeira de Castro, Respicio A. Espirito Santo Jr., Ronaldo Balassiano: Federal University of Rio de Janeiro, Brazil

Room B021

Session VIII-C – Airport Performance III

Chair: Sergio Perelman, University of Liege, Belgium

1. Accounting for Bias in Modeling the Performance of Brazilian Airports, Paper # 151

Carlos Pestana Barros: Technical University of Lisbon, Portugal

Albert Assaf: University of Massachusetts-Amherst, USA

Mylene Kishi: INFRAERO Airports

2. Airport Financial Performance: A Case Study of 15 European Airports, Paper # 114

Dimitrios J. Dimitriou, Constantinos Stathopoulos: Cranfield University, UK

3. Efficiency of German Airports and Influencing Factors, Paper # 135

Tolga Ülkü: Humboldt University, Germany

4. The Development of Benchmarking Techniques in Airport Performance Evaluation Research, Paper # 177

Po-Lin Lai, Andrew Potter, Malcolm Beynon: Cardiff University, UK

5. COMPARATIVE ANALYSIS OF THE ECONOMIC EFFICIENCY OF GREEK AIRPORTS, #234

Kalakou Sofia and Psaraki Voula, National Technical University of Athens, Greece

Room B022**Session VIII-D – Airline Management and Strategy II**

Chair: Ian Douglas, University of New South Wales, Australia

1. Determinants, Methods and Strategies in Commercial Aircraft Valuation, Paper # 38*Bijan Vasigh, Vitaly S. Guzhva, Clara Howard, Javad Gorjidoz: Embry-Riddle Aeronautical University, USA***2. Environmental Trade-offs in Long-term Fleet Planning Decisions, Paper # 33***Peter Morrell: Cranfield University, UK***3. Why Iran Air Airline Should Be Downsized: A System Dynamics Approach, Paper # 187***Taha Fehri: Tarbiat Modarres University, Iran**Alireza Mehri: Mazandaran University of Science & Technology, Iran***4. Global Airline Ownership and Investment Valuation, Paper # 217***William E. Gibson: AirBusiness Academy, France**Peter S. Morrell: Cranfield University, UK*Room B033**Session VIII-E – Airline Economics II**

Chair: Katsushige Sawki, Nanzan University, Japan

1. What Product Factors Allow Airlines to Command a Price Premium in the Sydney to Los Angeles Market? Paper # 104*Fu-Jui Hsueh, Ian Douglas: University of New South Wales, Australia***2. What Is LCC's Dynamic Pricing Really Meant to Catch? Paper # 55***Andrea Salanti, Paolo Malighetti: University of Bergamo, Italy**Renato Redondi: University of Brescia, Italy***3. Competition from Middle Eastern Carriers: Effects on Ticket Prices, Paper # 291***Rogier Lieshout: SEO Economic Research, The Netherlands***4. Public Service Obligations in the Airline Market: Lessons from the Spanish Case, Paper # 217***Joan Calzada, Xavier Fageda: Universitat de Barcelona and IREA-GIM, Spain*Room B034**Session VIII-F – Air Transport Policy and Law**

Chair: Claudio Jorge Alves, Instituto tecnológico de Aeronáutica, Brazil

1. Subsidies to Air Transport Passengers: Efficiency of the European Policy Practice, Paper # 107

Maria Cabrera, Ofelia Betancor: Universidad de Las Palmas de Gran Canaria Spain

2. Air Transportation Policy for Small Communities: Lessons From The U.S. Experience, Paper # 282

Alda Metrass Mendes: Faculdade de Engenharia da Universidade do Porto, Portugal

Richard de Neufville: Massachusetts Institute of Technology, USA

3. Towards Compatible and Integrated Airport and Regional Land Use Planning, Paper # 40

Nicholas Stevens: Queensland University of Technology, Australia

4. Rebates in Air Transport And Competition Law, Paper # 323

Kostis Kostopoulos: Greek Competition Authority, Greece

5. Antidumping Rules for Air Transport? Paper # 242

Andreas Knorr: German University of Administrative Sciences Speyer, Germany

Alexander Eisenkopf: Zeppelin University Friedrichshafen, Germany