

Lukas Rudari

Email: lukas@aviationguru.com

OVERVIEW

- PhD in Technology / Purdue University with research focus on sustainability aspects of the airline industry
- Dissertation title "A model for U.S. airline corporate social responsibility practices"
- Professional experience at Fraport / Frankfurt International Airport, Lufthansa Cargo, SWISS International, the International Civil Aviation Organization, and Seabury Human Capital
- Academic experience as teaching assistant in various aviation classes and presentations at various conferences
- Fluent in English, German (Native Tongue); Conversational in French and Beginner in Russian

EDUCATION

08/2014 – 05/2017	Purdue University, Purdue Polytechnic Institute <i>West Lafayette, Indiana, United States of America</i> PhD in Technology, GPA of 3.9
08/2012 – 08/2014	Purdue University, Department of Aviation Technology <i>West Lafayette, Indiana, United States of America</i> Master of Science in Aerospace and Aviation Management, GPA of 4.0
09/2006 – 07/2012	Vienna University of Economics and Business Administration <i>Vienna, Austria</i> Bachelor in Business, Economics and Social Sciences Major: International Business Administration, GPA of 3.8
08/2009 – 12/2009	Emory University, Goizueta Business School <i>Atlanta, GA, USA</i> Study Abroad

PROJECTS

10/2015 – 05/2016	Flight Safety Foundation <i>Alexandria, United States</i> <i>Purdue lead in research project related to Flight Safety Foundation's Global Safety Information Project (GSIP)</i>
01/2014 – 05/2015	United Airlines <i>Chicago, United States</i> <i>Participation and lead in staff planning optimization project and analysis of operational practices at Chicago O'Hare</i>
08/2013 – 12/2014	PEGASAS (Partnership to Enhance General Aviation Safety, Accessibility and Sustainability – FAA Center of Excellence) <i>Project assistant in FAA – sponsored study about "Angle of Attack Equipment in General Aviation Operations"</i>

PROFESSIONAL EXPERIENCE

05/2016 – 08/2016	Seabury Human Capital Minneapolis, Minnesota, United States of America <i>Aviation industry consulting with a focus on workforce planning and optimization</i>
06/2013 – 08/2013	International Civil Aviation Organization , Integrated Safety Management Section, Montréal, Canada <i>Development of ICAO's aviation safety analysis initiatives; preparation of materials in support of the ICAO General Assembly</i>
08/2012 – 06/2013	Purdue University, Department of Aviation Technology West Lafayette, Indiana, United States of America <i>Research and teaching assistant</i>
02/2012 – 08/2012	Swiss International Air Lines Ltd. , SWISS WorldCargo, Department for Quality Assurance and Safety Training, Zurich, Switzerland <i>Operational Risk Management, analysis of safety audits, project assistant in development of new e-Learning system at SWISS</i>
02/2011 – 08/2011	Lufthansa Cargo AG , Head Office for Austria, Eastern- and Southeastern Europe; Sales Steering Department, Vienna, Austria <i>Sales steering and marketing support, market research, capacity monitoring, creation and updates of various reports</i>
06/2010 – 10/2010	Fraport AG , Department for Traffic and Terminal Management Frankfurt am Main, Germany <i>Project support: "Optimization of Passenger Transit Process" or "Preparation for Summer Peak"</i>

REFEREED PUBLICATIONS

- Rudari, L.**, Johnson, M. E., Sperlak, L. A. & Geske, R. C. (2016). Pilot Perceptions on Crew Rest Regulation. *International Journal of Aviation, Aeronautics, and Aerospace* 3(1). doi:10.15394/ijaaa.2016.1096
- Rudari, L.**, & Johnson, M. E. (2015). Sustainability reporting practices of group III US air carriers. *International Journal of Aviation, Aeronautics, and Aerospace*, 2(2). doi:10.15394/ijaaa.2015.1066
- Rudari, L.**, Sperlak, L. A., Geske, R. C., Jones, G. E., & Johnson, M. E. (2014). The Sustainability of FAR Part 117 Flight and Duty Limitation and Rest Requirements for Flight Crewmembers. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 58(1), 1969-1973. doi:10.1177/1541931214581411

REVIEWED PUBLICATIONS

- Rudari, L.** & Johnson, M.E. (2017). A Model for U.S. Airline Corporate Social Responsibility Practices. Poster presented at the 96th Transportation Research Board Meeting, Washington D.C.
- Dillman, B., Wilt, D., Pruchniki, S., **Rudari, L.**, Ball, M. & Pomeroy, M. (2015, May). Flight Operational Quality assurance (FOQA) – Do exceedances tell the story?. *Proceedings of the International Symposium on Aviation Psychology*
- Rudari, L.**, Spence, T., Sperlak, L., Geske, R., Walala, M., Morris, C., Fernandes, M., Krsek, J., Hart, M., & Thanos, M. (2014, November). CRM-based Training and its Effect on Aviation Accident Rates in the U.S. from 1960 to 2013. Paper presented at the 67th Annual International Air Safety Summit, Abu Dhabi, UAE
- Winter, S.R., Leib, S. M., Geske, R. C., Spence, T. B., Sperlak, L. A., **Rudari, L.**, & Cestari, C. D. (2013, October). An examination of factors leading to runway excursions. Paper presented at the 66th Annual International Air Safety Summit, Washington, D.C.

NON-REFEREED CONFERENCES

Johnson, M.E., Huang, C., **Rudari, L.** & Spence, T. (2016, September). Investing in the Business of Aviation – Increasing Aviation Sustainability. Presented at the 2016 University Aviation Association Fall Education Conference, Omaha, Nebraska, United States (refereed abstract)

Rudari, L., Sperlak, L., Geske, R., Jones, G., & Johnson, M. (2014, October). The Sustainability of FAR Part 117: Flight and Duty Limitation and Rest Requirements for Flight Crewmembers. Paper presented at the 2014 International Annual Meeting of the Human Factors and Ergonomics Society, Chicago, United States

Yi, G., Winter, S., **Rudari, L.**, Sperlak, L. & Geske, R. (2014, October). Fostering diversity in collegiate aviation programs - Overcoming challenges and leveraging existing resources. Presented at the 2014 University Aviation Association Fall Education Conference, Daytona Beach, Ohio, United States (refereed abstract)

Prather, D., Speakes, J., Lu, C.-T., Keller, J., **Rudari, L.**, Carney, T. & Fanjoy, R. (2013, November). The International Student within Collegiate Aviation: Maximizing the Global Experience. Presented at the 2013 University Aviation Association Fall Education Conference, San Juan, Puerto Rico, United States (refereed abstract)

Winter, S.R., Leib, S. M., Geske, R. C., Spence, T. B., Sperlak, L. A., **Rudari, L.**, & Cestari, C. D. (2013, October). An examination of factors leading to runway excursions. Paper presented at the 66th Annual International Air Safety Summit, Washington, D.C.

TEACHING EXPERIENCE

08/2013 – 12/2013 Teaching Assistant in AT508 Quality and Productivity in Industry and Technology

01/2013 – 05/2013 Teaching Assistant in AT102 Airline Business

08/2012 – 12/2012 Teaching Assistant in AT438 Airline Operations

LEADERSHIP EXPERIENCE

08/2013 – 08/2015 **Aviation Technology Graduate Council / Purdue Aviation Technology**
President, Vice-President, Social-Media Chair

08/2012 – 08/2015 **Flight Safety Foundation, Purdue Student Chapter**
Secretary

CERTIFICATIONS

04/2017 **Sustainability Accounting Standards Board**
FSA (Fundamentals of Sustainability Accounting) Credential-holder

04/2016 **Global Reporting Initiative**
GRI G4 Certified

12/2015 **American Society for Quality**
Certified Quality Process Analyst

11/2015 **SAS**
Certified Base Programmer for SAS 9

AWARDS & HONORS

04/2016	Purdue Polytechnic Institute <i>Recipient of Bilisland Dissertation Fellowship – a fellowship for the support to outstanding Ph.D. candidates in their final year of doctoral degree completion</i>
06/2015	Eno Center for Transportation Washington, D.C., United States <i>Eno Fellow in 2015 Eno Future Leaders Development Conference, a highly selective nationwide program, as only participant from Purdue University and only participant from the aviation sector</i>
10/2014	University Aviation Association Daytona Beach, FL, United States Third place in graduate student poster competition: <i>How to improve the reporting culture of bird strike related incidents: A review of regulatory systems in the EU and North America</i>
03/2014	Purdue Polytechnic Institute <i>Recipient of Andrews Fellowship – a fellowship for the recruitment of outstanding Ph.D.-track students to graduate programs at Purdue University</i>