



# 4<sup>th</sup> TAM-Symposium "Science2Business"



## Agenda

**Welcome Reception:** 14<sup>th</sup> October 2013; 19:30h at the [Steigenberger Parkhotel](#).

**Day 1:** 15<sup>th</sup> October 2013; 9:00h – 18:00h

|              |   |  |   |
|--------------|---|--|---|
| <b>09:00</b> | <b>Opening Session</b>  |  |   |
| 09:00        | Welcome   | <b>Holger Linkweiler &amp; Prof. Dr.-Ing. Dirk Kügler</b>  | Managing Director, HOCHTIEF AirPort<br>Director, DLR-Inst. of Flight Guidance |
| 09:20        | Keynote   | <b>Frank Brenner</b><br>    | Director General,<br>EUROCONTROL  |
| 09:40        | Keynote   | <b>Michael Standar</b><br> | Chief Strategies and Int. Relations,<br>SESAR JU                              |
| 10:00        | TAM Review and Outlook  | <b>Robert Graham &amp; Karl-Heinz Keller</b>   | Head of Airport Research, ECTL<br>TAM-Coordinator, DLR                        |
| <b>10:15</b> | <b>Coffee break</b>   |  |   |
| <b>10:45</b> | <b>Session 1: Network Integration</b>   |  |   |
|              | Network integration of airports has progressed modestly; insights on how the work on integration is developing will be given on concrete plans and experiences. |  |   |
|              | Moderated and Introduced by   | <b>Luc Laveyne</b>   | ACI-Europe  |
|              | Panellists & Speakers   | <b>Paul Adamson</b>  | EUROCONTROL   |
|              |   | <b>Thomas Brehmer</b>  | AVIALLIANCE   |
|              |   | <b>Erik Sinz</b>   | Deutsche Flugsicherung GmbH (DFS)   |
| <b>12:15</b> | <b>Lunch break</b>  |  |   |

**Agenda**

**13:45 Session 2: Performance**

Airports will not be subjected to performance targets in RP2, however, the obligation to report as there as prescribed in the legislation and will be challenging for many. The main objective is the improvement of the performance of the entire system how can airports support this?

Moderated and Introduced by **Paul Adamson** EUROCONTROL  
Panellists & Speakers **Emmanuelle Maire** European Commission DG Move  
**Thomas Brehmer** AVIALLIANCE

**15:15 Short Coffee break**

15:30 & 15:45 Busses leave for Session 3: Concept Validation through Simulation towards the DLR premises, arrival at 16:00 & 16:15

**16:15 Session 3: Concept Validation through Simulation**

Assessment of the benefits of TAM or other innovative concepts is a necessity. Extensive knowledge and infrastructure to validate concepts, procedures, technology and tools for operational use is available, providing evidence for investments in airport operations improvements. Visit of DLRs Air Transport Validation Center.

Introduced by **Sven Kaltenhäuser** [DLR-Institute of Flight Guidance](#)  
Topics **TAM-Research & APOC** [Airport and Control Center Simulator](#)  
**ATM and TMA Operations** [ATM and Operations Simulator](#)  
**Airport Surface Control** [Apron and Tower Simulator](#)  
**Air-Ground Integration** [Generic Experimental Cockpit](#)  
**Model-Based ATM Performance Assessment** [Fast Time Simulator for system modelling and –analyses](#)

18:00 & 18:15 Busses leave DLR to Steigenberger Parkhotel (Venue)

19:00 Bus Transfer from Steigenberger Parkhotel to Dinner at the "DORNSE"

**19:30 Dinner at "DORNSE" Hall ([Old Town Hall of Brunswick, built 1345](#))**



21:30 Bus Transfer from "DORNSE" to Steigenberger Parkhotel

## Agenda

Day 2: 9:00h – 15:45h; 16<sup>th</sup> October 2013

|              |   |  |
|--------------|---|--|
| <b>09:00</b> | <b>Session 4: Information and Communication</b>   |  |
|              | ICT is about technology but more about enabling humans to assess, analyse, and draw conclusions about ever-increasing quantities of information and to share these with their colleagues across the network.    |  |
|              | Moderated and Introduced by   | <b>Peter Eriksen</b> Eriksen Aviation Consulting   |
|              | Panellists & Speakers   | <b>Dr. Nils Carstengerdes</b> DLR-Institute of Flight Guidance                                       |
|              |   | <b>Dr. Kai Nürnberger</b> Fraunhofer FKIE  |
|              |   | <b>Georg Langenberg</b> AMADEUS  |
|              |   | <b>Pedro Carrasco</b> NCR  |
|              |   | <b>Steve Hathway</b> NATS  |
| <b>10:30</b> | <b>Coffee break</b>   |  |
| <b>11:00</b> | <b>Session 5: A-CDM Challenges, Lessons, Perspectives</b>   |  |
|              | Only seven airports have achieved A-CDM airport status. Many more will follow during SESAR deployment. What are the benefits, what are the obstacles, how can airports develop faster towards A-CDM and beyond? |  |
|              | Moderated and Introduced by   | <b>Tim Hardy</b> Heathrow Airport Limited  |
|              | Panellists & Speakers   | <b>Francois Xavier Rivoisy</b> Aéroports de Paris (ADP)  |
|              |   | <b>David Booth</b> EUROCONTROL   |
|              |   | <b>Kris de Bolle</b> Brussels Airport Company  |
|              |   | <b>Etienne van Zuijlen</b> E10CDM  |
| <b>12:30</b> | <b>Lunch break</b>  |  |
| <b>14:00</b> | <b>Session 6: Outlook: Opportunities and Challenges</b>   |  |
|              | The presenters in this session will provide insights and examples how research organizations are enhancing knowledge for the sake of improvements in airport operations.  |  |
|              | Moderated and Introduced by   | <b>Richard Davey</b> Nyras Consulting  |
|              | Panellists & Speakers   | <b>Prof. Hamsa Balakrishnan</b> Massachusetts Inst. of Technology                                    |
|              |   | <b>Maik Friedrich</b> DLR - Institute of Flight Guidance   |
|              |   | <b>Yves Günther</b> DLR - Institute of Flight Guidance   |
|              |   | <b>Peter Förster</b> DLR - Institute of Flight Guidance  |
|              |   | <b>Jorgen von der Brerie</b> Technical University Clausthal  |
| <b>15:30</b> | <b>Closure of the 4th TAM-Symposium "Science2Business"</b>  |  |
|              | Final Remarks and Fare-well by  | <b>Tom Brehmer</b> HOCHTIEF AirPort &<br><b>Karl-Heinz Keller</b> DLR - Institute of Flight Guidance |
| <b>15:45</b> | <b>Closing</b>  |  |

...have a safe trip back home!