



KoMSO CHALLENGE WORKSHOP

Mathematical Modeling, Simulation and Optimization for Air Traffic Management

JULY 14 & 15, 2016

Lufthansa Systems

Am Prime Parc 1, 65479 Raunheim, Germany

www.KoMSO.org



SPONSORED BY THE



Federal Ministry
of Education
and Research



KoMSO CHALLENGE WORKSHOP

Mathematical Modeling, Simulation and Optimization for Air Traffic Management

Flight route planning nowadays is faced with growing challenges due to continuous increase of air traffic and mounting strict requirements on safety, efficiency, capacities and environment. To successfully accomplish these challenges joint efforts of all Air Traffic Management (ATM) stakeholders – air traffic control, network managers, airports, airlines and academia – are necessary.

This workshop focuses on a variety of mathematical aspects in ATM, including pre-flight route optimization as well as in-flight conflict resolutions.

Confirmed speakers include representatives of Lufthansa Systems, DFS Deutsche Flugsicherung, Eurocontrol, Bundeswehr University Munich, University of Erlangen-Nuremberg, Technical University of Munich, DLR & Lufthansa.

We kindly invite your participation. Note that the number of participants is limited. The workshop language is English.

Organizers: Ralf Borndörfer (ZIB), Ekaterina Kostina (IWR), Anja Milde (KoMSO), Urban Weißhaar (Lufthansa Systems)

KoMSO – Committee for Mathematical Modeling, Simulation and Optimization
Coordination Office

IWR – Interdisciplinary Center for Scientific Computing
Im Neuenheimer Feld 205 | 69120 Heidelberg | Germany
T: +49 6221 – 54-14 634 | koms@iwr.uni-heidelberg.de

www.KoMSO.org

