

5th European Workshop on Aircraft Design Education
Linköping University, Sweden

FINAL PROGRAMME

Sunday, June 2

- 9.00 **Social Tour**
Trip to Motala, Vadstena and the Motala Motor Museum
- 16.30 Return to Linköping

Monday, June 3

- 9.00 **Welcoming Address**
Egbert Torenbeek and Petter Krus
- 9.15 **Industrial Perspective**
Research and Technology at SAAB Aerospace
Gunnar Holmberg, Saab AB
- 10.00 *Coffee break*
- 10.30 **Aircraft Design Methods I**
QCARD
Askin Isikveren
Configuration Global Change at the Conceptual Level; A Particular Way for the Evolution and the Optimization of the Design
Sergio Chiesa, Sabrina Corpino, Nicole Viola
Increasing the Accuracy of Estimation of Aircraft Basic Characteristics at Earlier Design Stages
Valeri Komarov
- 12.00 *Lunch*
- 13.00 **Aircraft Configurations**
"Polyplane" - an aircraft with nontraditional configuration for very large commercial transport
N. K. Liseytsev
New generation of aircraft for pilot training, tourism and sport flying
Antonin Pistek

From Specification & Design Layout to Control Law Development for Unmanned Aerial Vehicles – Lessons Learned from Past Experience
Zdobyslaw Goraj, Philip Ransom, Paul Wagstaff

14.30 *Coffee break*

14.50 **Education**

Using Tornado, Didactics in the Aeronautical Education at KTH

Tomas Melin

Use of "Scenario Methods" in the Education for Aircraft Design

Dieter Schmitt

Hands-on Aircraft Design Project

Patrick Berry

17.30 **Bus pickup at hotel for dinner**

Tuesday, June 4

09.00 **Aeronautical Laboratories**

The Aerospace GNC Laboratory at the University of Naples "Federico II"

D. Accardo, G. Rufino, M. Russo, A. Moccia

Aerospace Research Centre in Brno University of Technology - goals, organisation and project activities

Jan Vrbka, Vladimir Danek

Building a Fixed-Base Flight Simulator around \$100 Software

Trevor Young

Modeling of Unsteady Characteristics of Delta Wings

Christopher Jouanet

10.45 *Coffee break*

11.15 **Aircraft Systems**

Aircraft Systems - Reliability, Mass, Power and Costs

Dieter Scholz

Simulation Based Optimisation

Petter Krus

12.15 *Lunch*

- 13.15 **European Network Discussion Forum**
EASN – The European Aeronautical Science Network
Dieter Schmitt
www.AircraftDesign.org
Dieter Scholz
- 14.15 **Conclusion**
- 14.30 **Saab Tour**
- 16.30 **Finish**