



InnoTesting 2013

Improving Efficiency by Controlling Complexity in Testing

Wildau, Aerospace Technology Centre

February, 21 – 22, 2013

Dear participants of InnoTesting

Innovation is based on teamwork. To merge experiences and combine ideas, to exchange knowledge and working methods of different business sectors – these are the central drivers of success for the development and marketing of new technologies. The InnoTesting conference is here to facilitate this exchange in the field of testing and simulation.

The German capital region of Berlin – Brandenburg features a number of high performance test facilities for the aerospace, automotive and railway industries. By providing efficient means to test new ideas for practicability Berlin – Brandenburg plays an important part in the realisation of product safety, economic viability and environmental sustainability. Many innovative high-technology firms are located here. Important stimuli for technological progress are generated. So this successful economic region is an ideal meeting spot for experts from Germany and abroad.

Wildau has been hosting InnoTesting already in 2012. In this year the success story will be continued. I am convinced that Wildau with its rich tradition in team-based research and development offers an optimal setting to work out valuable results.

I wish you a successful InnoTesting 2013 conference with many new insights and contacts. Brandenburg welcomes you cordially.



Matthias Platzeck

Matthias Platzeck
State Prime Minister of Brandenburg

InnoTesting 2013 is organised by:



in cooperation with our partners:



Investition in Ihre Zukunft!



EUROPÄISCHE UNION
Europäischer Fonds für
Regionale Entwicklung

THE GERMAN CAPITAL REGION
excellence in mobility

Thursday, Feb 21

08.30 Registration of Participants

09.30 Plenary Session

Opening: Improving Efficiency by Controlling Complexity in Testing

Dr. Michael Born

Rolls-Royce MTOC

Chairman of the InnoTesting Conference Program Board

Transport, Mobility and Logistics – Challenges for Testing and Simulation

Dr. Verena Ehrler

DLR

Cluster Transport, Mobility and Logistics Berlin-Brandenburg

Test to Analysis – Myth or Reality?

Neill Forrest

Rolls-Royce, UK

Noise Vibration and Harshness in Test and Simulation

Prof. Dr. Peter G. Blaschke, Dr. Torsten Schneider

Wildau Technical University of Applied Sciences

11.00 Coffee Break

11.30 Workshop Sessions

Workshop I

Experimental Tests of Non-linear Structures

Prof. Dr. Peter G. Blaschke, Dr. Torsten Schneider

Wildau Technical University of Applied Sciences

Parametric Cost Estimation for Prototyping and Testing

Joachim Schöffner

4cost GmbH

Test facility for rotation speed sensors

Anja Nicolai, Heiko Jahn

Astro- und Feinwerktechnik Adlershof GmbH

Workshop II

State of the Art Survey of Test Automation

Konstantin Klein

BIBA / Bremen University

AneCom AeroTest's Universal Fan Facility for Acoustics - a Modular Approach to Improve Test Efficiency and Capabilities

Frank Grewe

AneCom AeroTest

Software Projects in Crisis Situations

Stefan Wörthmüller

RED SOFT ADAIR

13.00 Lunch Break

14.00 Plenary Session

Automatic Model-Based Test Design

*Dr. Stephan Weißleder
Fraunhofer Fokus*

Aerothermal Test Rig Design and Manufacture - Improving Efficiency through Process Integration

*Mike Crawshaw, CEng FIMechE
Triumph Aerospace Systems, USA*

Testing at MTU Maintenance

*Jens Weder
MTU Maintenance*

15.30 Coffee Break

Optional: Shop Visit BreTeCe Testing Cooperation Showcase at FTI facilities)

16.00 Transfer to MTU (first group, second group ca. 16.45)

16.30 Shop Visit

MTU Production and Maintenance Facilities Ludwigsfelde

19.00 Conference Dinner at Schloss Diedersdorf



Special guest speaker:

*Dr. Steffen Kammradt
CEO ZAB - Brandenburg Economic Development Board*



Schloss Diedersdorf

21.30 Transfer to Conference Site / Hotel

Friday, Feb 22

08.30 Welcome Coffee

09.00 Opening of Day 2

09.00 Workshop Sessions

Workshop III

Experimental Measurement and Numerical Prediction of Delamination Growth in Composite Materials: A Challenge across Industry Sectors

*Dr. Stefanos Giannis
Materials Engineering Research
Laboratory Ltd, UK*

Flexibility and Sustainability in Software Quality and Testing – Perspectives on a Dynamic Relationship

*Hendrik Beckmann
MUNYA Technologies GmbH*

Workshop IV

An Approach to Simulate Business Process Models Based on Open Source Tools

*Prof. Dr. Christian Müller
Technical University of Applied Sciences
Wildau*

Gaining and Retaining Skilled Employees for the Testing Industry Cooperation between FTI Engineering Network GmbH and SIBE GmbH

*Dr. Carl Hans, FTI Group
Anne Dresen, SIBE*

10.30 Coffee Break

11.00 Plenary Session

Open, Flexible and Modular Verification Environment, Supporting Decentral Multi-ATA System Integration Tests.

*Dr. Carl Hans, Johannes Kremp
FTI Group*

BreTeCe FastWAN – an Innovative Technology for Distributed System Testing

*Kishore Duganapalli
ExxpertSystems GmbH*

Efficient Industrial Gas Turbine Compressor Testing in an Aero-Engine Testing Environment

*Dr. - Ing. Andreas Wulff
AneCom AeroTest*

12.30 Plenary Round Table

*Moderator: Prof. Dr. Thomas Biermann
WIT – Wildau Institute of Technology*

13.00 Business Lunch and Farewell Cocktail

14.30 End of InnoTesting 2013

Documentation will be on USB memory sticks distributed at the end of the conference

