
DGLR Awards for the advancement of the scientific young professionals 2007

Young professional awards for outstanding dissertations:

Airbus Award of Airbus Deutschland GmbH for an outstanding dissertation in the field of aeronautics to

Dr.-Ing. R. Petz, TU Berlin, for his dissertation with the topic:

Aerodynamic Benefits of Pulsed Blowing Applied to High Lift Airfoils

Reinhard-Furrer Award

Award of the Wernher-von-Braun-Stiftung for an outstanding dissertation in the field of astronautics to:

Dr.-Ing. C. Wiedemann, TU Braunschweig, for his dissertation with the topic:

Modellierung der Natrium-Kalium-Tropfen als Beitrag zur orbitalen Objektpopulation

Young Professionals Awards for outstanding student research project and diploma thesis:

Ferchau Engineering GmbH Award to

Dipl.-Ing. (FH) Hans Brunswig, HAW Hamburg, for his diploma thesis with the topic:
Bestimmung der aerodynamischen Eigenschaften des BWB-Modells AC20.30 mit Methoden der CFD

Winfried-Bierhals Foundation Award to

Dipl.-Ing. Ferdinand Meinel, Universität Karlsruhe, for his diploma thesis with the topic:
Application of the Acoustic Emission Analysis to Highly Thermally Loaded Combustor Shielding Plates

Walther-Blohm Study Award to

Dipl.-Ing. Ricardo Basan, TU Berlin, for his student research project with the topic:
Vergleichende Analyse der konzentrierten Einzelkrafteinleitung in eine Rechteckscheibe mittels kontinuumsmechanischer und FEM Berechnung sowie Experiment

Ludwig-Bölkow Foundation Award to

Dipl.-Ing. Torsten Hensel, TU Darmstadt, for his diploma thesis with the topic:
Analysis of the Interaction of Neighbouring Laminae in Fibre-Reinforced Plastics during Cyclic Loading

DLR Technology Award to

Dipl.-Ing. Alexander Wagner, TU Dresden, for his student research project with the topic:
Detection of the Transition Point on the Wing of a Glider in Free Flight with the Help of a Thermography System

Claudius Dornier Jr. Foundation Award to

Dipl.-Ing. Georg F. P. Wellmer, RWTH Aachen, for his diploma thesis with the topic:
Development of a Preprocessor for the Generation of Structural Beam Models for Multidisciplinary Optimisation

IABG Foundation Award to

Dipl.-Ing. Andreas Weber, TU Dresden, for his diploma thesis with the topic:
Study and Employment of the Monte Carlo Simulation for the Robust Design of Space Structures

Reinhardt Abraham - Lufthansa Foundation Award to

Eckard Anton, RWTH Aachen, for his student research project with the topic:
Preliminary Design of a Simulation Tool to Ascertain the Potential Economic Impact of Airplane Noise Reduction Measures

Willy-Messerschmitt Award to

Dipl.-Ing. Stephan Rapp, TU München, for his diploma thesis with the topic:
Deformation Fields Estimation Using Fibre Bragg Gratings

Wolfgang-Heilmann Award of MTU Aero Engines to

Timo M. Nafz, Universität Karlsruhe (TH), for his student research project with the topic:
Background Oriented Schlieren – Möglichkeiten und Grenzen des optischen Verfahrens zur quantitativen Dichtegradientenbestimmung

MT Aerospace Innovation Award to

Dipl.-Ing. Sebastian Kébreau, TU Braunschweig, for his diploma thesis with the topic:
Fracture Mechanics Analysis of Novel Non-Rectangular Stiffening Concepts in Comparison to Conventionally Rectangular Stiffened Fuselage Structures

Ferdinand-Schmetz Award to

Dipl.-Ing. Bernhard Kobiela, Universität Stuttgart, for his diploma thesis with the topic:
Investigation of Boundary Layer Transition For Small Reynolds Numbers in Free Flight and Wind Tunnel Experiments

ZARM Award to

Dipl.-Ing. Sebastian Höfner, TU München, for his diploma thesis with the topic:
LISA Thermal Control Analysis in Context of the BayernSat Mission

Zeppelin Foundation Award of the City Friedrichshafen to

Dipl.-Ing. Dennis Höse, UniBW München, for his diploma thesis with the topic:
Development of a Microcontroller Based Sensor Acquisition System for Uninhabited Aerial Vehicles