

## Publikationsverzeichnis

1. Epple, Ph., Essler, T., Gast, S.: Low Reynolds Number Airfoils for Automotive Applications, 1st International Conference on Engineering Science and Innovative Technology (ESIT 2014), Krabi, Thailand, April 8 – 10 2014.
2. Epple, Ph., Bloch, G., Below, V., Gast, S.: Development of an Aerodynamic Devices Package for Formula Student Race Cars, 1st International Conference on Engineering Science and Innovative Technology (ESIT 2014), Krabi, Thailand, April 8 – 10 2014.
3. Epple, Ph., Semel, M., Willinger, B., Delgado, A.: Compact Test Rig Design For Fans And Blowers, International Mechanical Engineering Congress & Exposition IMECE2014, Nov 14-20, 2014, Montreal, USA.
4. Epple, Ph., Essler, T., Bloch, G., Below, V., Gast, S.: Aerodynamic Devices For Formula Student Race Cars, International Mechanical Engineering Congress & Exposition IMECE2014, Nov 14-20, 2014, Montreal, USA.
5. Epple, Ph., Neugebauer, P., Essler, T., Bloch, G., Below, V.: Rennwagenoptimierung per Simulation, ATZ Extra Mai 2014 Automotive Engineering Partners, Springer Professional.
6. Epple, Ph.: Vortrag "Introduction to Fluid Mechanics" im Analytical Instruments, Measurement and Sensor Technology Workshop, Hochschule Coburg, AIMS, September 2014.
7. Friedrich, Epple, Steber, Delgado: Vortrag "ESYSDEN: Systemoptimierung der Druckluft-Energieversorgung", Green Factory Bavaria Kolloquium, Nürnberg, 2014.
8. Luzi, G., Epple, Ph., Scharrer, M., Fujimoto, K., Rauh, C., Delgado, A.: Study of the effects of inner pressure and surface tension on the fibre drawing process with the aid of an analytical asymptotic fibre drawing model and the numerical solution of the full N.-St. equations, Archive of Applied Mechanics November 2013, Volume 83, Issue 11, pp 1607-1636.
9. Albert, S., Epple, Ph., Willinger, B., Delgado, A.: High Efficiency Propeller Design Based on the Betz Minimum Induced Loss Condition and CFD Validation on an APC 8 Propeller, ASME 2013 International Mechanical Engineering Congress & Exposition IMECE2013, November 15-21, 2013, San Diego, California, USA
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12. Epple, Ph., Neugebauer, P.: Die Katze auf dem Sprung, Digital Engineering Magazin, April/Mai 2013
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14. Epple, Ph.: Auslegungsverfahren für Axial- und Radialventilatoren und -gebläse, Kurzlehrgang MODERNE AUSLEGUNGSVERFAHREN FÜR VENTILATOREN, WINDTURBINEN, PUMPEN UND TURBOLADER, Universität Erlangen, 18.02. –

21.02.2013.

15. Semel, M. und Epple, Ph.: Workshop Axialmaschinen, Kurzlehrgang MODERNE AUSLEGUNGSVERFAHREN FÜR VENTILATOREN, WINDTURBINEN, PUMPEN UND TURBOLADER, Universität Erlangen, 18.02. – 21.02.2013.
16. Epple, Ph und Semel, M.: Workshop Radialmaschinen: Fluide und ihre Eigenschaften, Kurzlehrgang MODERNE AUSLEGUNGSVERFAHREN FÜR VENTILATOREN, WINDTURBINEN, PUMPEN UND TURBOLADER, Universität Erlangen, 18.02. – 21.02.2013.
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### **Patente**

1. Deutsches Patent DE 103 03 213 A1 2004.07.29: KERN, Dietmar, EPPLE, Philipp: MESSERBALKEN FÜR RASENMÄHER
2. Deutsches Patent DE 10 2008 044 505.3 15: Anmelder: Universität Erlangen-Nürnberg; Erfinder: EPPLE, Philipp, ILIC, Caslav, DURST, Franz: RADIALVERDICHTER