

Prof. Dr.-Ing. Cornelius Bode

Wissenschaftliche Veröffentlichungen (Stand 10.02.2021)

H. May, W.-R. Canders, C. Bode: „From the Basis of Forces to Optimal Machine Designs and Optimal Feeding“, Lecture at the Faculty of Electrical Engineering, West Pomeranian University of Technology, 04.06. - 05.06.2009, Szczecin, Poland

C. Bode, W.-R. Canders: „Advanced Calculation of Eddy Current Losses in PMSM with Tooth Windings“, XIX International Conference on Electrical Machines (ICEM) 2010, 06.11. - 08.11.2010, Rom, Italien

C. Bode, W.-R. Canders: „New Topology for High Force Linear Actuators with Tooth Windings“, 8th International Symposium on Linear Drives for Industry Applications 2011 - LDIA 2011, 03.07. - 06.07.2011, Eindhoven, Niederlande

C. Bode, H. May, W.-R. Canders: „Optimized Reduction of Parasitic Eddy Current Losses in High Speed Permanent Magnet Motors Based on 2D and 3D Field Calculations“, XV International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering, 01.09. - 03.09.2011, Funchal, Madeira

W.-R. Canders, C. Bode, J. Hoffmann, H. May: „Unusual Topologies of Electrical Machines for Hybrid and Electric Vehicles“, 9th Symposium on Hybrid and Electric Vehicles (HEV 2012), 14.02. - 15.02.2012, Braunschweig

C. Bode: „Innovative elektrische Antriebe für Automobilpumpen“, 5. Kunststoffpumpen Forum, 24.09.2012, Spitzingsee

H. May, C. Bode, W.-R. Canders, M. Henke: „New Tubular PM Machines Designs Featuring Excellent Performance with Respect to Motion Quality, Efficiency and Overload Capability“, 9th International Symposium on Linear Drives for Industry Applications 2013 - LDIA 2013, 07.06.-10.06.2013, Hangzhou, China

M. Weber, C. Bode, C. Lehrmann: „Betrachtung permanentmagneterregter Synchronmaschinen unter Explosionsschutzaspekten“, 13. BAM-PTB-Kolloquium, 18.-19. Juni 2013, Braunschweig

N. Domann, C. Bode, M. Henke, W.-R. Canders: „Advanced Analytical Method for Determining the Effects of Rotor Eccentricity“, XVI International Symposium von Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering 2013 – ISEF 2013, Ohrid, Mazedonien, 12.09.-14.09.2013

C. Bode, W.-R. Canders, M. Henke: „A New Analytical Approach to Determine Slotting Based Eddy Current Losses in Permanent Magnets of PMSM Taking into Account Axial and Circumferential Segmentation“, XVI International Symposium von Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering 2013 – ISEF 2013, Ohrid, Mazedonien, 12.09.-14.09.2013

C. Bode, J.-H. Psola, M. Henke: „Die statorerregte Synchronmaschine als innovativer Antriebsmotor in Elektro- und Hybridfahrzeugen“, Internationaler ETG-Kongress 2013, 05.11. - 06.11.2013, Berlin

C. Bode, H. May, M. Henke: „Energieeffiziente Tubularantriebe mit Permanentmagneterregung“, Internationaler ETG-Kongress 2013, 05.11. - 06.11.2013, Berlin

C. Bode, H. Schillingmann, M. Henke: „A Free-Piston PM Linear Generator in Vernier Topology using quasi-Halbach-Excitation“, Int. Conf. on Electrical Machines ICEM 2014, Berlin, pp. 1944-1949

C. Bode, W.-R. Candors, M. Henke, (2015) „A new analytical approach to determine slotting based eddy current losses in permanent magnets of PMSM taking into account axial and circumferential segmentation“, COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, Vol. 34 Issue: 2, pp.398-412, 2015