

Personal Data:**Dr. Ingo Weber**

street: Moosweg 25a
 city: 85757 Karlsfeld/Munich-Germany
 telephone: +49 (0) 152 / 317 987 59
 e-mail: email@weberingo.de
 born: 05.03.1975 in Fulda (Hessen, Germany)
 family status: wed, 2 children
 denomination: latin/catholic

**Army**

1994-1995 Basic army service (transport/tank battalion, maintenance, tank driver)

University

1995 - 2000 Mechanical Engineering studies at TU-Darmstadt / Germany
 July 2000 Graduation as Dipl.-Ing. / Germany / grade: 1.6 (GPA 3.4) / 2nd best of year

Foreign Country

1998 - 1999 Studying at Cornell University in New York State / USA
 May 1999 Graduation as M. Eng. (Mechanical) / USA / grade: 1.15 (GPA 3.85)

Awards / Scholarships

May 1994 Abitur (high school) /grade: 1.2 (GPA 3,8), best of year
 Feb. 1998 Scholarship of the DAAD for Cornell (<http://www.daad.de>)
 July 1998 Scholarship of the Rheinstahlstiftung (ThyssenKrupp)
 Nov. 1999 Carl-Schenk-Award (<http://www.carlschenck.de>)

Dissertation

2000 - 2003 Industrial PhD-studies at the BMW GROUP in Munich, faculty: automotive engineering, TU-Darmstadt Institute of Technology, Germany, Topic:
"Potential for improvement for vehicle stability control systems by the use of friction coefficient sensors"
 Dec. 2004 Graduation as Dr.-Ing. (Mechanical Engineering), grade: 2.0 (GPA 3.0)

Job Experience

09.2003 - 11.2008 **Development Engineer DSC/ESP and ICM**, BMW Group, Dynamic Stability Control, Integrated Chassis Management / series development, application, simulation, responsibility for the series release of trailer stabilization for all BMW Group cars, new interface ICM, DSC, improvement of vehicle dynamics through cross-linking of the actors, ...
 12. 2008 -05.2010 **Team Lead Test and Validation ICM CPU unit**, BMW Group, leadership for test team (8 employees), series development: driver assistance DA/ chassis control CC, supplier supervision, test methodic, system validation, responsibility for final test report
 09. 2008 – 01.2010 **Computer Technician**, Schwanthaler Computer, computer repairs, assembly,.
 06. 2010 -11.2011 **Project Lead ICM CPU Unit X3, 1 / 3 series**, BMW Group, leadership for the project team (11 employees), series development of DA/CC-systems including inertial sensors, supplier supervision and coordination, project management, responsibility for series release
 12. 2011 -05.2015 **Module Lead for Chassis Control and Driver Assistance**, BMW GROUP, leadership of 20 employees, DA-Systems (Radar, ACC, DCC, PMA, HC, ...) and CC-Systems (DSC/ESP, RDS, ICM, ...) for vehicles: 1er, 2er, 3er, 4er, 5er, X3, X4, Z4, ... , coordination between vehicle projects and control development projects including suppliers, supervision of quality issues for already launched vehicles

- 06.2015 – today **Group Lead for Radar Systems, BMW GROUP**, technical and disciplinary leadership of 23 internal, 40 external employees, supplier coordination, series development, responsibility for series release of radar sensors, predevelopment and research in radar technologies, enabling of highly automated and fully automated driving, supervision of students
- 1990-today **Farmer Horse Ranch, Reiterhof Weber**, ownership since 2007, 45 boxes, horse boarding, riding hall 50x20m, riding arena 60x40m

Publications

- Weber, I., Schwartz, P., „Monitoring Bending Fatigue in Carbon Fiber/Epoxy Composite Strands: A Comparison between Mechanical and Resistance Techniques”, Composites Science and Technology, No. 61, P. 849-853, Elsevier Science Ltd., 2001
- Weber, I., Pruckner, A., Winner, H., „Reibwertangepasste Regelstrategien bei Bremsmanövern im Kraftfahrzeug”, VDI-Berichte, 4. Reifenkolloquium, S. 146-163, VDI-Verlag, 17.10.2002
- Weber, I. „Verbesserungspotenzial von Stabilisierungssystemen im Pkw durch eine Reibwertsensorik”, VDI-Fortschritt-Berichte VDI, Reihe 12, Nr. 592, ISBN 3-18-359212-6, VDI-Verlag, Düsseldorf, 2005
- Weber, I. „The Benefit of of Tire and Friction adaptive Vehicle Control Strategies”, Tire Technology Expo 2005, Köln, 22.02.2005
- Lenthaparambil, N. / Dr. Weber, I. / Kecskeméthy A. „Mechatronischer Entwurf für ein Fahrzeug mit einem aktiv regelbaren Stabilisator”, Entwurf mechatronischer Systeme - 6. Paderborner Workshop, Paderborn, 02-03.04.2009
- Lenthaparambil, N. / Dr. Weber, I. / Kecskeméthy A. „Aktive Wankstabilisierung mit einem aktiven Stabilisator”, VDI Tagung Mechatronik 2009, Wiesloch, 12-13.05.2009
- Dr. Weber, I. / Dr. Glockner, M. „Testen und Absichern eines stark vernetzten Steuergerätes im Systemverbund“, IAV Tagung 2012, Simulation und Test für die Automobilelektronik, Berlin, 11-12.05.2012
- Dr. Weber, I. / Prof. Lienkamp, M. „Anhängerbetrieb, Anhängerschlingern, Anhängerstabilisierung“, Gastvorlesung, TU-München, Fahrzeugtechnik, München, 20.06.2012
- Lenthaparambil, N. / Kecskeméthy A. / Dr. Weber, Doktorarbeit, „Funktionspotenziale eines Fahrwerks mit einem aktiven Stabilisator“, Uni Duisburg, Essen, VDI-Verlag 2015, ISBN 978-3-18-379012-8
- Müller, F. / Müller, S. / Dr. Weber, Doktorarbeit, „Konzeption und Realisierung einer Fahrstabilitätsregelung unter Nutzung des Schwimmwinkels zur Funktionsoptimierung von Bremsregelsystemen“, TU-Berlin, Dr. Hut Verlag 2016, ISBN 978-3-8439-2586-0.

Languages

- German: native language
- English: fluent verbal and written (1 year foreign experience)

Skills

- drivers license: A, BE, C1E, CE, MLT (car, motor-cycle, small truck)
- car driver training: basic, advanced, handling (Nürburgring), winter, trailer
- computer: Windows, DOS, MS Office, Latex, Matlab, Simulink, ControlDesk,...
- programming: C++, C, Fortran, HTML, Visual Basic, Matlab, ...
- hardware: networks, system configuration, computer analysis/assembly/repairs,...

Hobbies

triathlon, jogging, bicycling, swimming, fitness club, inline skating, computer, horseback-riding, reading, music

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