

Curriculum vitae

Univ.-Prof. Dr.-Ing. habil. Günter Brenn

Dipl.-Ing. of Aerospace Engineering



Personal data

Name Dr.-Ing. habil. Günter Hans Brenn
Date of birth November 29, 1959
Place of birth Stuttgart (Germany)
Nationality German

Professional status Full professor, Head of Institute
Address Graz University of Technology
Institute of Fluid Mechanics and Heat Transfer
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Oct. 1979 – Nov. 1985 Studies of Aerospace Engineering at the University of Stuttgart
Dec. 1985 – August 1990 PhD student University of Stuttgart, Institute of Thermodynamics in Aerospace Engineering (Prof. Dr. A. Frohn).
March 1990 Doctoral Degree, on March 22, 1990.
Sept. 1990 – June 1992 Post-doc scholarship of the German Academic Exchange Service (DAAD) on the program “Two years of language and practical training in Japan”.
August 1992 – July 1997 Post-doc at the University of Erlangen-Nürnberg, Institute of Process Engineering, Chair of Fluid Mechanics (LSTM, Prof. Dr. Dr. h.c. F. Durst).
August 1997 – Febr. 1999 Research engineer at Invent – Development of New Technologies Ltd. in Uttenreuth near Erlangen.
February 1999 Habilitation in fluid mechanics with the thesis “Controlled spray production for industrial applications”.
March 1999 – August 2002 Senior lecturer at the Chair of Fluid Mechanics of the University of Erlangen-Nürnberg.
September 2002 – date Full Professor at Graz University of Technology, Graz (Austria), and head of the Institute of Fluid Mechanics and Heat Transfer, Faculty of Mechanical Engineering and Economics

Present fields of research

Stability analysis of gas / liquid flows, Rheology and rheometry of viscoelastic polymeric liquids, Heat and mass transfer in disperse multiphase systems, Optical flow measuring techniques, Heat transfer with phase transition, Aerodynamics in sports, Multiphase flows, Spray formation, Collisions of droplets, Drop shape oscillations.
