

PETER R. THOM AND ASSOCIATES INC.
AUTOMOTIVE CONSULTING AND ENGINEERING
CORPORATE OFFICE • 304 VILLAGE SQUARE, ORINDA, CALIFORNIA 94563
[800] 874-1664 • [925] 254-1664 • WWW.PRTASSOC.COM • FAX [925] 254-1650

GUY R. BABBITT, Ph.D., ASSOCIATE

EXPERIENCE

- Peter R. Thom and Associates Inc., 1995 – Present.
- Czero, Inc., 2007 – Present. Engineering firm specializing in energy efficiency and renewable fuels.
- Sturman Industries, Woodland Park, CO, 2004 - 2007, Technical Coordinator. Led multidisciplinary team responsible for all Hydraulic Valve Actuation programs.
- Sturman Industries, Woodland Park, CO, 1999 – 2004, Project Engineer. Led team developing a prototype state-of-the-art hydraulic valve actuations system.
- Consultant to various automotive-related manufacturers, 1993 – 1999.
- Saturn Corporation, Troy, MI, 1990 - 1992, Product Engineer. Responsible for the research and development of advanced powertrain control systems and hardware.
- Saturn Corporation, Troy, MI, 1988 - 1990, Test Engineer. Responsible for the durability and abuse testing of the automatic transmission before it went into production including organizing and maintaining the test fleet, investigating all failures, and recommending design changes.

EDUCATION

- University of Wisconsin, Madison, WI, Ph.D. Mechanical Engineering, 1999.
- University of Wisconsin, Madison WI, M.S. Electrical and Computer Engineering, 1996.
- Technical University of Berlin, Germany, Exchange Student: Mechanical Engineering, Fall 1992.
- University of Michigan, Ann Arbor, MI, M.S. Mechanical Engineering, 1987.
- University of Vermont, Burlington, VT, B.S. Mechanical Engineering, 1986.

PROFESSIONAL ACTIVITIES AND AFFILIATIONS

- Author/Co-Author of numerous publications.
- Several patent applications in final publication process.
- US Patent published April 11, 2006: "Hydraulic Valve Actuation – Methods and Apparatus".
- US Patent published January 23, 2003: "Hydraulic Valve Actuation System and Methods".
- Member, Society of Automotive Engineers.
- Professional Engineer. Wisconsin Registration #30636.

Guy R. Babbitt, Ph.D.