

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

ERWIN R. BOER, Ph.D., ASSOCIATE

EXPERIENCE

- Peter R. Thom and Associates Inc., Associate. 2008-Present.
- LUEBEC, Founder, President and Director, 2001-Present. Research lab specialized in development of human operator perception, control, and decision making models and support systems.
- University of Minnesota, Department of Mechanical Engineering, Human-FIRST Program, Visiting Scientist, 2003-Present.
- University of California at San Diego, California Institute for Telecommunications and Information Technology, Visiting Scholar, 2002-Present.
- University of Iowa, Department of Mechanical and Industrial Engineering, Adjunct Professor, 2003-Present.
- Wingcast, Staff Research Scientist. Head of driving simulator facility and director of telematics system evaluation, 2001.
- University of California at San Diego, Scripps Institution of Oceanography, Center for Clouds Chemistry and Climate, Scientific Data Integration and Visualization Consultant, 1995-2003.
- Massachusetts Institute of Technology, Media Lab, Visiting Scientist, 1999-2000.
- Nissan Cambridge Basic Research, Research Scientist, 1995-2000. Focus on driver modeling and support system design.

EDUCATION

- University of Illinois at Chicago, Ph.D. Electrical Engineering, 1995.
- University Twente, The Netherlands, M.S. Electrical Engineering, 1990.

PROFESSIONAL ACTIVITIES / PATENTS / AWARDS

- Author of over 200 publications, theses, and reports.
- Speaker at numerous conferences, invited presentations, and workshops.
- US Patent issued May 9, 2000: "Method and Apparatus for Determining Workload of Motor Vehicle Driver".
- US Patent issued April 3, 2007: "Driving Assist System for Vehicle".
- Recipient of the Fred Burggraf Award for excellence by young researchers. Presented at the Transportation Research Board's 80th Annual Meeting in Washington DC, January 13-17, 2002.
- Member, Board of Directors, Center for Computer Aided Design, University of Iowa, 2004-Present

Erwin R. Boer