



**James E. Hall, Ph.D.**

**List of Papers, Presentations and Industry Participation**

**Papers:**

*Deepwater Measurement Verification – a DeepStar-RPSEA Mandate*, 26<sup>th</sup> North Sea Flow Measurement Workshop, St. Andrews, Scotland, October 2008 (with W. Letton and R. Webb).

*Three Years of Experience of Wet Gas Allocation on Canyon Express*, 23<sup>rd</sup> North Sea Flow Measurement Workshop, Tonsberg, Norway, October 2005 (with W. Letton and A. Singh).

*Wet Gas Allocation on the Canyon Express Project*, 21<sup>st</sup> North Sea Flow Measurement Workshop, Tonsberg, Norway, October 2003 (with W. Letton, C. Cooley, and J.-P. Couput).

*Operation of Ultrasonic Flow Meters at Conditions Different From Their Calibration*, 20<sup>th</sup> North Sea Flow Measurement Workshop, St. Andrews, Scotland, October 2002 (with W. Freund and K. Zanker).

*The Influence of Speed of Sound Changes on Ultrasonic Flow Meter Calibrations*, 5<sup>th</sup> International Symposium on Fluid Flow Measurement, Washington, D.C., April 2002 (with W. Freund and K. Zanker).

*Solar-Powered Systems for Gas Measurement*, XII Jornadas de Gas, Puerto La Cruz, Venezuela, June, 1996.

*Performance Characteristics of Transit Time Ultrasonic Flow Meters*, 3<sup>rd</sup> Latin American Gas Congress, Buenos Aires, October 1995. (With K. Warner and W. Freund).

*Remote Electronic Metering Advances*, **World Oil**, September 1994.

*Solar-Powered Systems for Gas Transmission Measurement, Control and Communication*, World Gas Conference, Milan, June, 1994.

*Solar-Powered Satellite Communications for SCADA Applications*, ENTELEC'93 Symposium, New Orleans, La., March, 1993. (with R. Carr)

*Silicon Sensors Upgrade Pressure Measurements*, **Intech**, 38 No. 7, July 1991.

*Sensor Redundancy for Critical Pressure Measurements*, 37th International Instrumentation Symposium, I.S.A., San Diego, CA, May 1991 (with M. Miller).

*Micromachined Silicon Sensors for Pressure Measurements*, ISA Edmonton '91 Symposium, Edmonton, Alberta, April 1991.

*A Pressure Transmitter for Nuclear Reactors*, **Sensors**, 7 No. 12 (Nov., 1990). (with D. Ko)

*Differential Pressure Transducer for Aerospace with High Overload Protection*, Proceedings of 34th International Instrumentation Symposium, I.S.A., Albuquerque, NM, May, 1989. (with P. Tack and D. Mei).

*Micromachined Silicon-Based Pressure Transducer for High Temperature Operation*, Proceedings of 34th International Instrumentation Symposium, I.S.A., Albuquerque, NM, May, 1989. (with P. Tack and M. Miller).

*Design of Pressure Transmitters for Severe Nuclear Reactor Environments*, Proceedings of Sensors Expo West, Anaheim, CA, May, 1989. (with D. Ko)

*New Developments in Strain Gage Transducers for Pressure Measurement*, Proceedings of 35th International Instrumentation Symposium, I.S.A., Orlando, FL, May, 1989. (with P. Tack)

*New Technologies Are Being Used in Pressure Measurement*, **Measurement and Control**, 22 (April 1987) 290.

### **Presentations:**

*Ultrasonic Flow Meters – Keynote Address*, The Energy Forum – Revisiting Ultrasonic Measurements, Houston, Texas, February, 2003.

*Smart Sensors for Remote Gas Flow Measurement*, Sensors Expo, Anaheim, CA, April 1996.

*New Developments in Flow Measurement Instrumentation– Keynote Address*, Southern California Measurement Association, Long Beach, CA, May 1992.

### **Participation in Industry Organizations:**

*American Society of Mechanical Engineers (ASME) Committee to develop Wet-Gas Metering Document*

*Measurement, Control & Automation Association – Chairman of the Board of Directors of this industry association for instrumentation companies.*