

## Honeywell and Rolls-Royce present PCRT Papers at QNDE

Rhode Island – August 1st, 2009: The annual *Review of Progress in Quantitative Nondestructive Evaluation* conference was held this week at the University of Rhode Island. Over 250 papers and 95 posters were presented by industry, regulatory, and academic experts on the state of the art and emerging non-destructive testing technology. One paper, titled ***Nondestructive Evaluation of Aerospace Parts Using Process Compensated Resonance Testing (PCRT)*** was presented by Dr. Surendra Singh of Honeywell Engines and Systems. A second paper, titled ***Reliable Crack Detection in Turbine Blades Using Thermosonics: An Empirical Study*** was given by Gabe Bolu representing the University of Strathclyde and Rolls-Royce plc. The papers discussed the application of PCRT to newly manufactured and in-service commercial aerospace components.

### About Vibrant

Vibrant is a spin off of Mechtronic Solutions, Inc. that has commercialized Process Compensated Resonance Testing (PCRT) for use in the aerospace and power generation industries. The PCRT technology, licensed from Magnaflux Quasar, is a revolutionary non-destructive testing technology that can determine if a component is structurally sound and fit for service. Vibrant has developed PCRT applications focused on the safety critical components found in the aerospace industry. These applications bring the power of PCRT to bear on new product quality control and in-service product degradation tracking. Vibrant is now performing testing services for several major aerospace manufacturers and Maintenance, Repair, and Overhaul (MRO) firms. [www.vibrantndt.com](http://www.vibrantndt.com)