

OCTOBER 22-25, 2007

# LLRF07

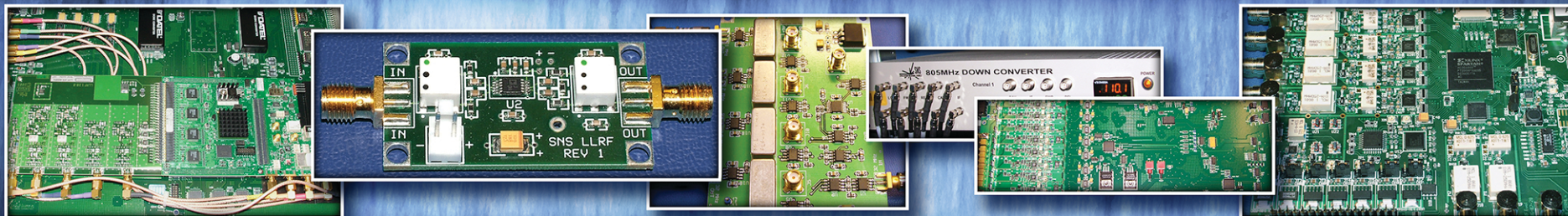
KNOXVILLE, TENNESSEE

## 2007 LOW-LEVEL RADIO FREQUENCY WORKSHOP

Low-level RF control systems are essential for producing high-quality particle beams. Although their fundamental purpose is field regulation in RF cavities, they also serve as the primary interface between the operations team and the RF system as a whole, and interface with numerous technical subsystems. Therefore, despite their complex nature, they must be easily operated by non-experts, and they must be robust and reliable. Most modern LLRF control systems are implemented digitally, which provides for functional and performance modifications through code development. The goals of the LLRF07 Workshop are to bring together people working on LLRF control systems worldwide to share our experiences, to present the status of our work, to discuss recent technical developments, and to seek solutions to technical problems.

This four-day workshop will be the third in a series of LLRF workshops; the first was held at Jefferson Lab in 2001 and the second was held at CERN in 2005.

Please visit the web site at [neutrons.ornl.gov/workshops/llrf2007](http://neutrons.ornl.gov/workshops/llrf2007).



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