

# 16th Real Time Conference

国际电气与电子工程师学会第16届实时技术大会

IEEE-NPSS Technical Committee on Computer Applications  
In Nuclear and Plasma Sciences

May 10-15, 2009 IHEP Beijing

An interdisciplinary conference on the latest real time computing applications in plasma physics, nuclear physics, particle physics, astrophysics, space science, accelerators, and in medicine and biology

## Topics

Ultra Fast Analog and Timing digitizer and converter  
Front-end Signal Processing  
Real Time System Architectures  
Trigger and Data Acquisition  
High Level Triggers  
Event Building and Fast Networks  
High Speed Synchronous Control  
Online Processing Farms  
Online Databases  
Controls and Monitoring Systems  
Emerging Real Time Technologies  
New standards (ATCA etc.)

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