A ROOT-based General Online Data Visualization System

Shuihan Zhang, Institute of High Energy Physics

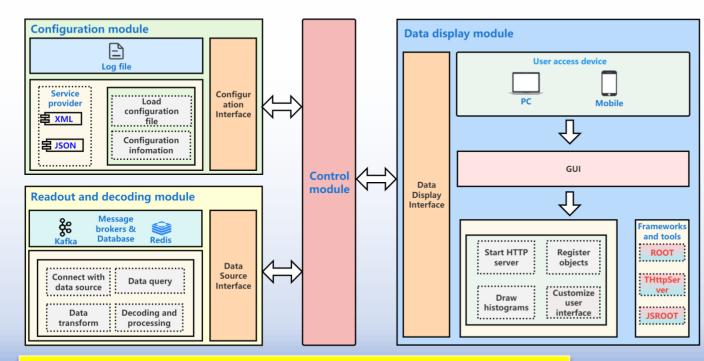
ROOT-based general online data visualization system (ROBOT)

Purpose:

Generality and scalability

Integration test & Operation: Real-time online data monitoring

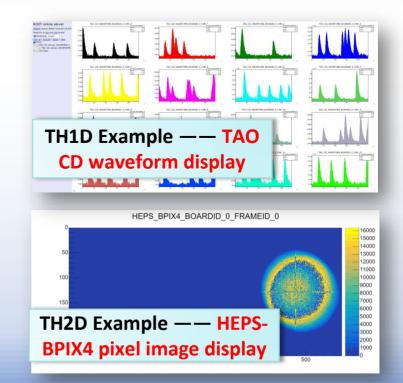
Completed system design and major module implementation



Applied to the joint test and JUNO on-site installation

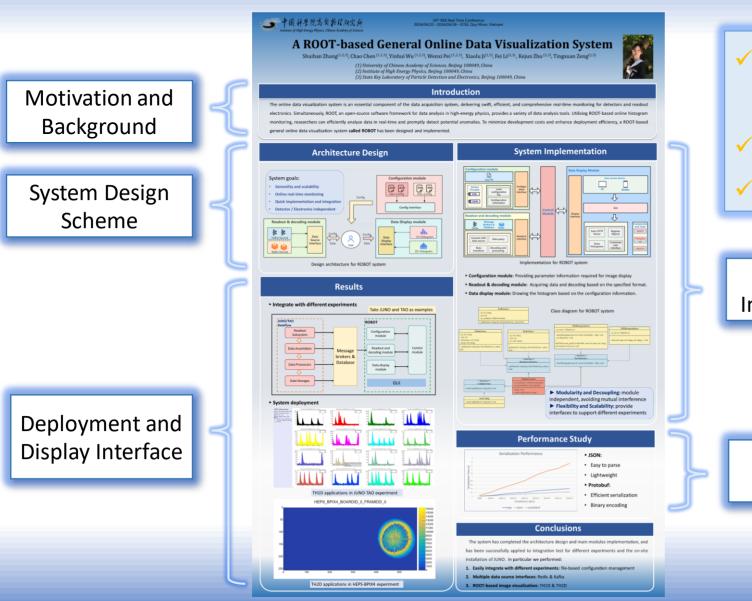
Purpose:

- Quick implementation and integration
- **/ Detector / Electronics independent**
- Online real-time monitoring
- ROOT & JSROOT based



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- Easily integrated by different experiments: filebased configuration management
- Multiple data source interfaces: Redis & Kafka
- ROOT-based image visualization: TH1D & TH2D

System Implementation Welcome Velcome to No.29