

## **TACH: Time domain Astrophysics Coordination Hub**

The General Coordinates Network (GCN) has been working as the backbone of mutlwavelength and multi-messenger transient astrophysics, distributing both machine-readable notices and human-readable circulars. TACH, the Time-domain Astrophysics Coordination Hub, will modernize GCN system with various efforts: Kafka-based streaming, improved interfaces with higher flexibility, and improved event/report archiving. The Kafka-based streaming, improved interfaces with higher flexibility, and improved event/report archiving. Kafka-based streaming will provide automated event-based reporting which will collate relevant information from high-energy discovery instruments to enable and aid follow-up observations. The improved archiving system and its viewer will increase efficiency of coordinating follow-up observations and querying past observations.

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