

# Event

```
graph LR; Event[Event] --> Header[10 bytes Header: Event_flag]; Event --> Trigger[100 bytes Trigger_Info]; Event --> Muon[1 Kbytes Muon_Detector: TOF]; Event --> Calor[10 Kbytes Calorimeters]; Event --> Forward[100 Kbytes Forward_Detectors]; Event --> TPCs[1 Mbyte TPCs];
```

The diagram illustrates the structure of an event, starting from a central 'Event' box on the left. Six lines branch out from this box to the right, each pointing to a specific data component. Each component is represented by a horizontal bar with its size and name. The components are: '10 bytes Header: Event\_flag', '100 bytes Trigger\_Info', '1 Kbytes Muon\_Detector: TOF', '10 Kbytes Calorimeters', '100 Kbytes Forward\_Detectors', and '1 Mbyte TPCs'. The bars are arranged vertically, with the largest component, '1 Mbyte TPCs', at the bottom and the smallest, '10 bytes Header: Event\_flag', at the top.

**10 bytes** *Header: Event\_flag*

**100 bytes** *Trigger\_Info*

**1 Kbytes** *Muon\_Detector: TOF*

**10 Kbytes** *Calorimeters*

**100 Kbytes** *Forward\_Detectors*

**1 Mbyte** *TPCs*