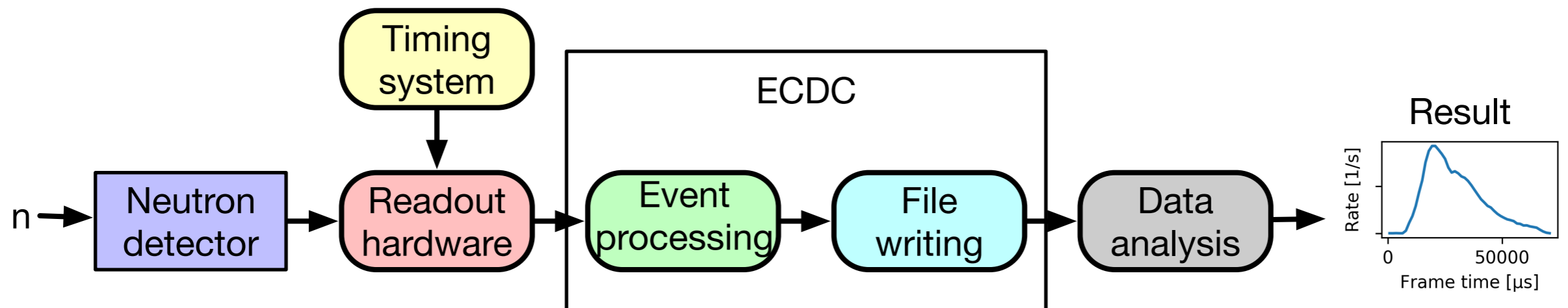


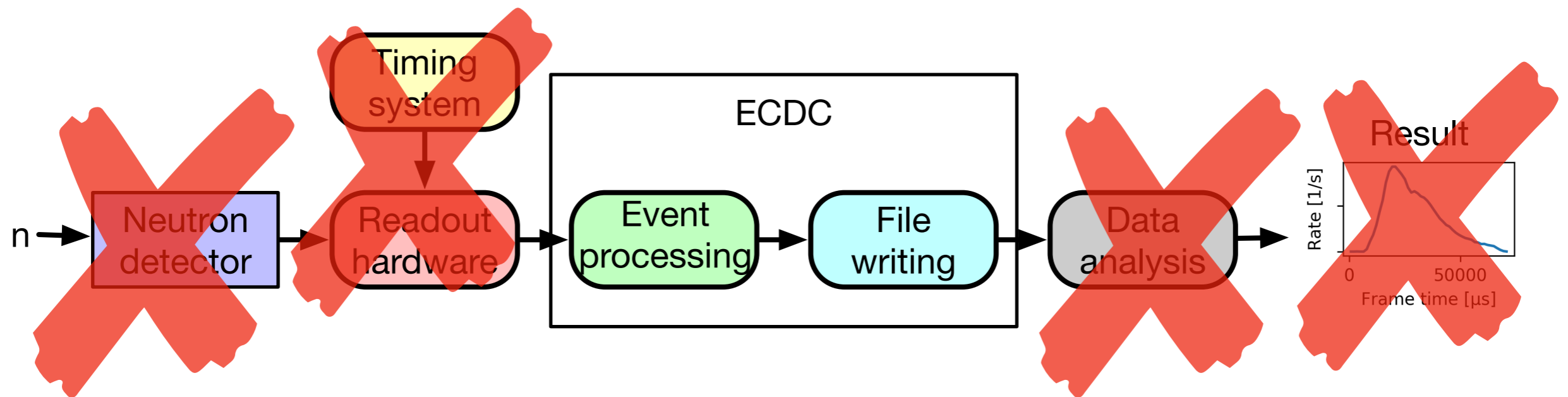
# **DMSC (ECDC) interface for beam monitors**

Jonas Nilsson

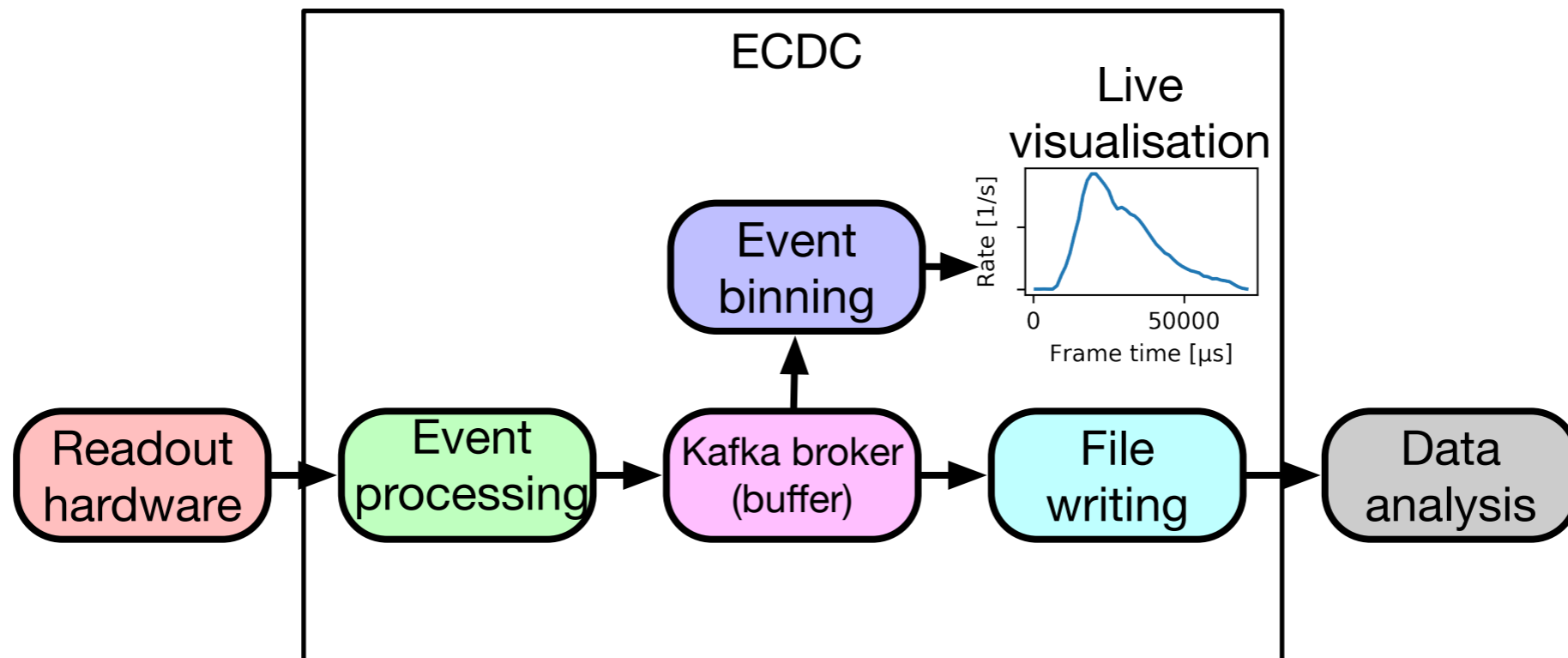
# Overview of what we do



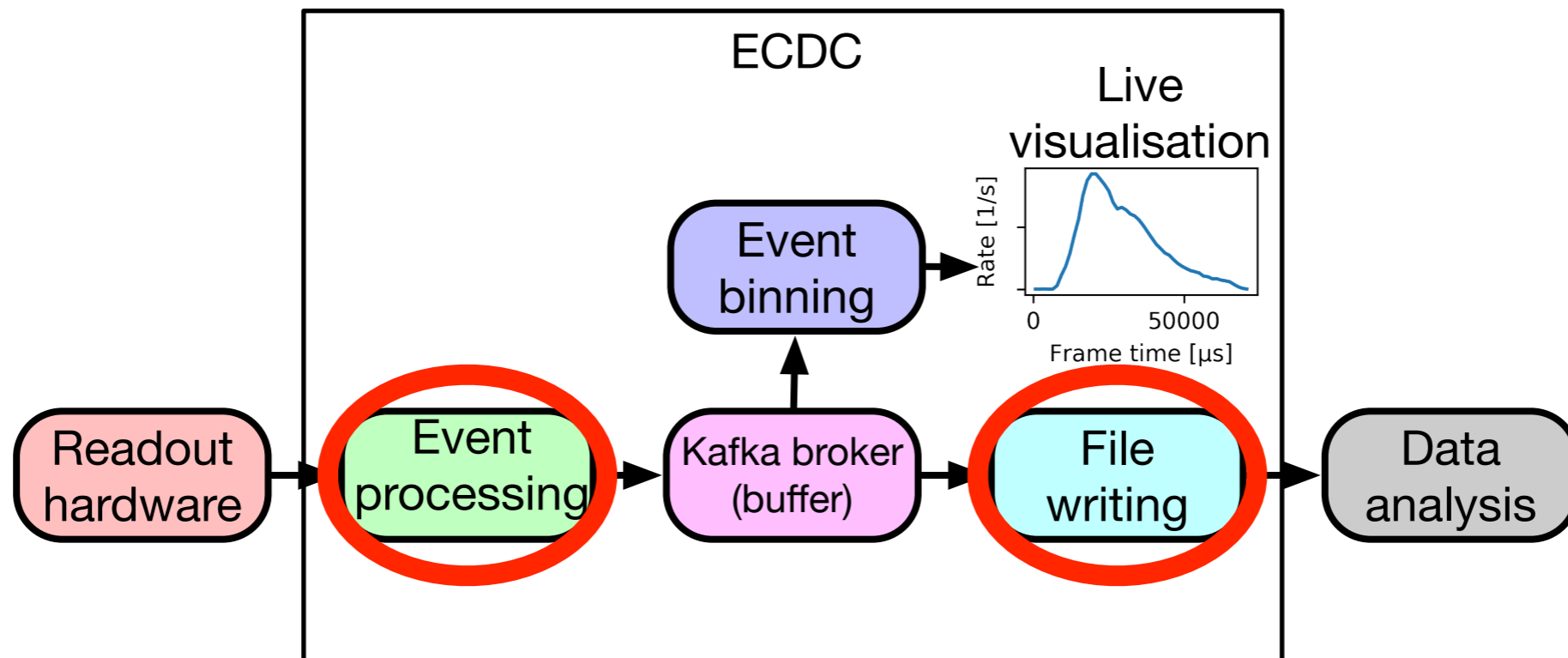
# Overview of what we do



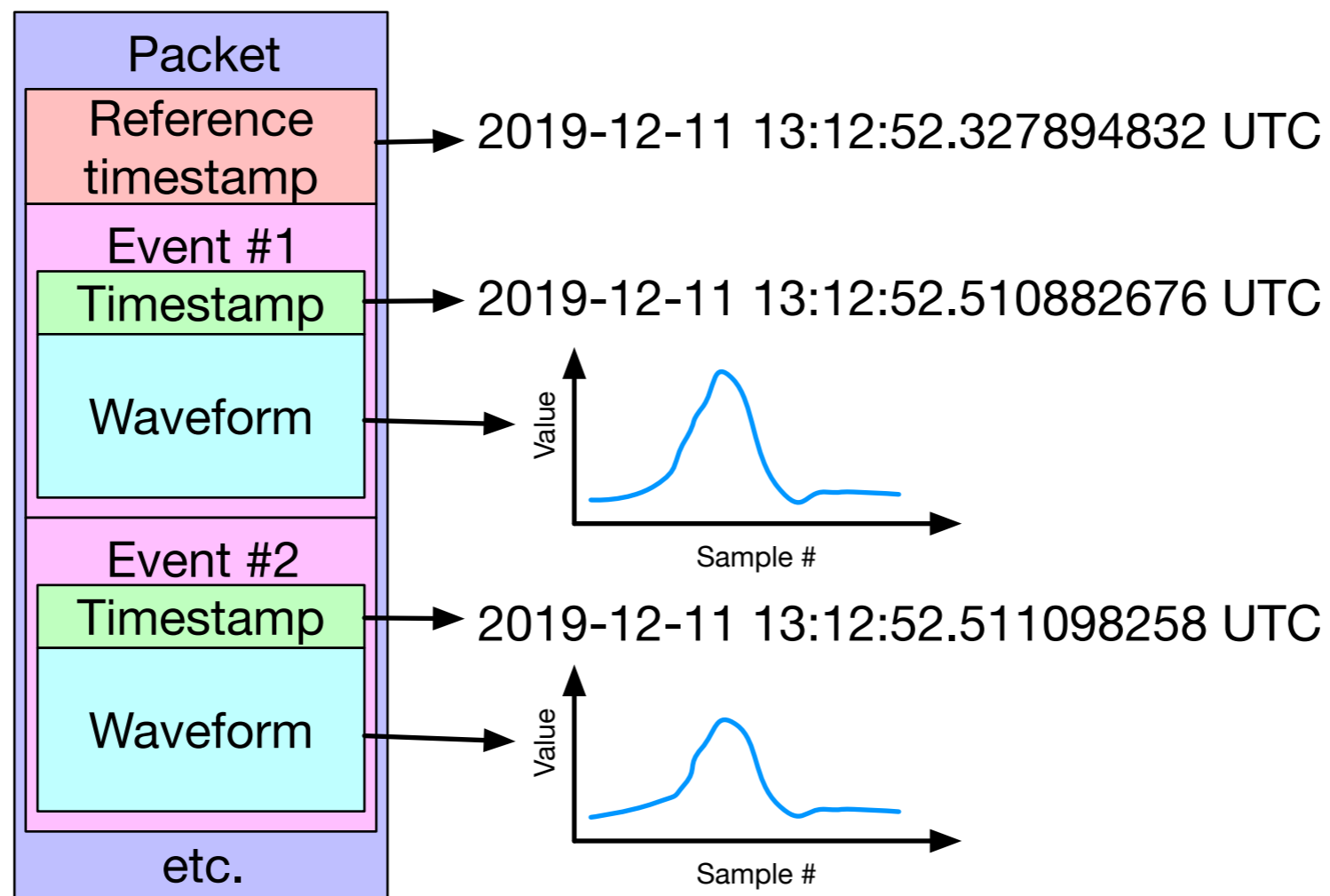
# Overview of what we do



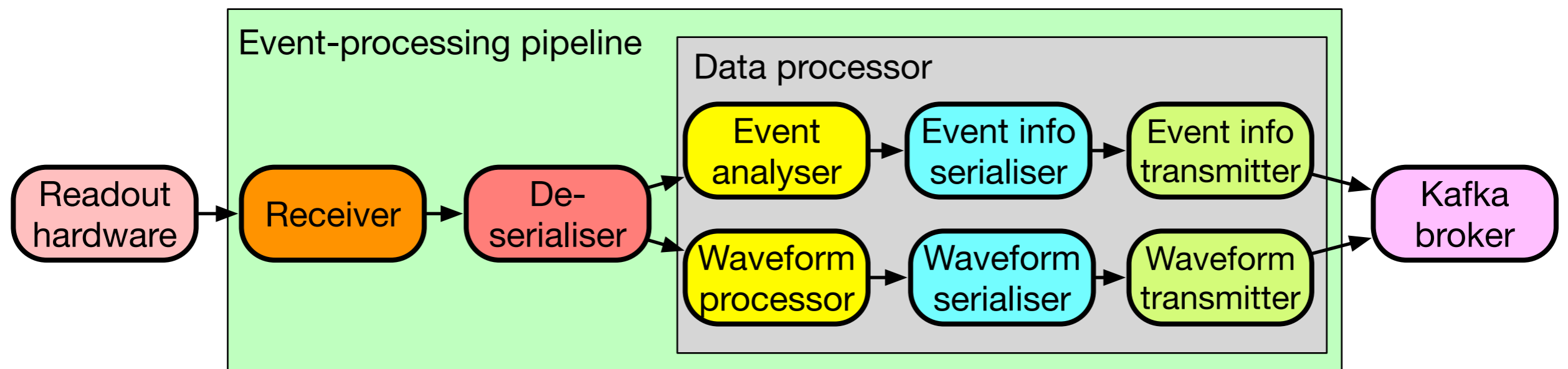
# Overview of what we do



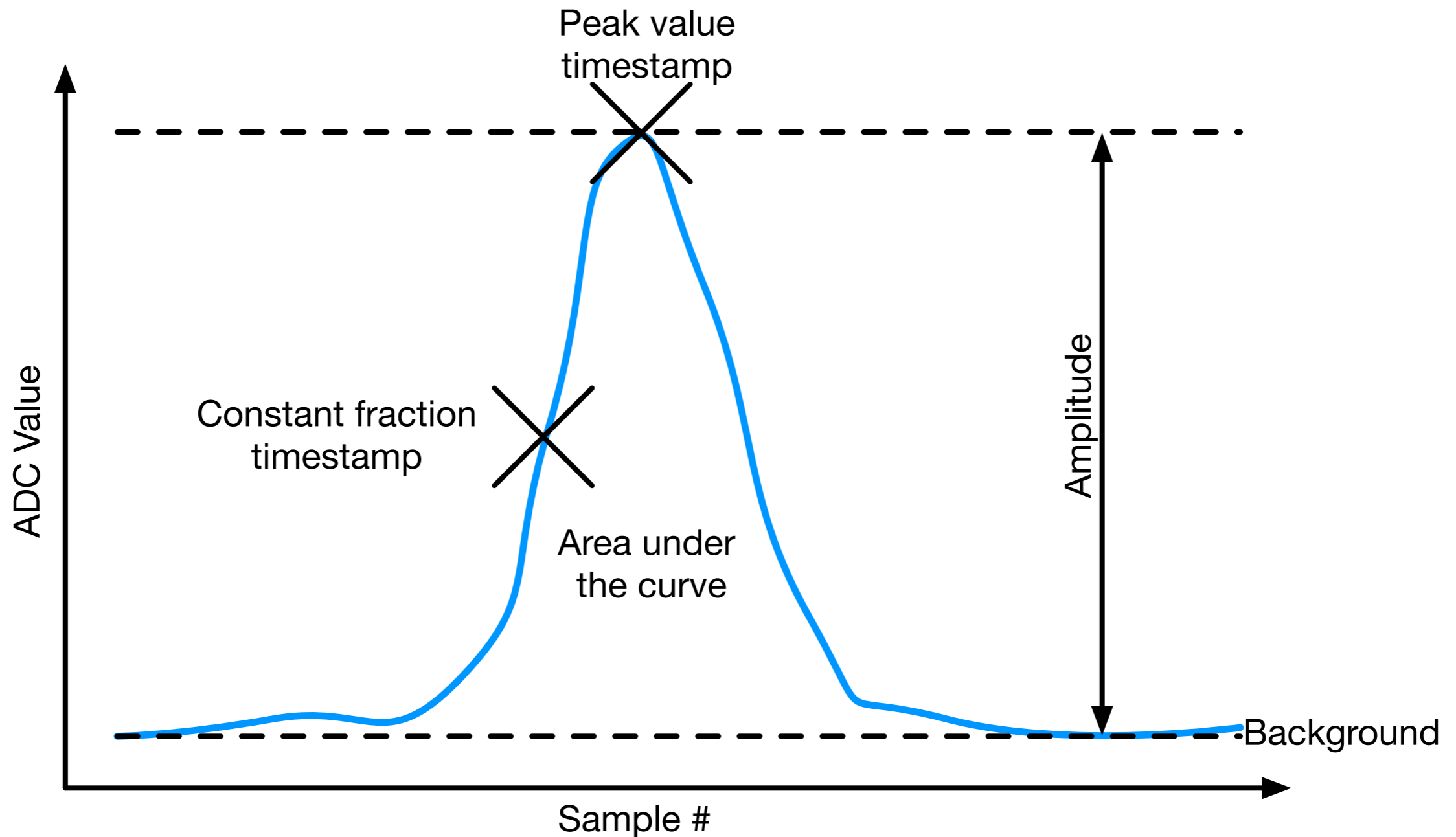
# Readout hardware output



# Event-processing pipeline

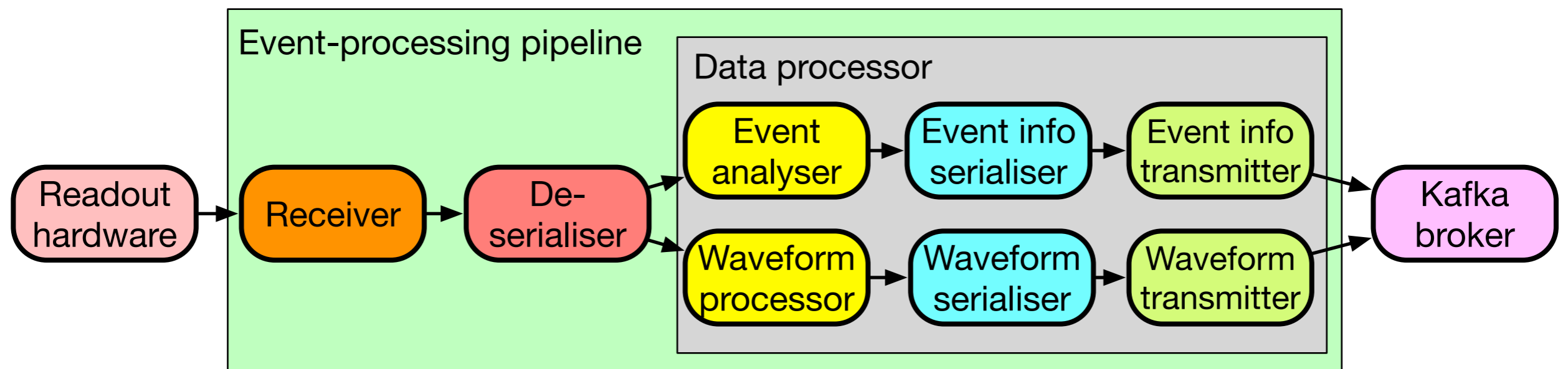


# Event analysis

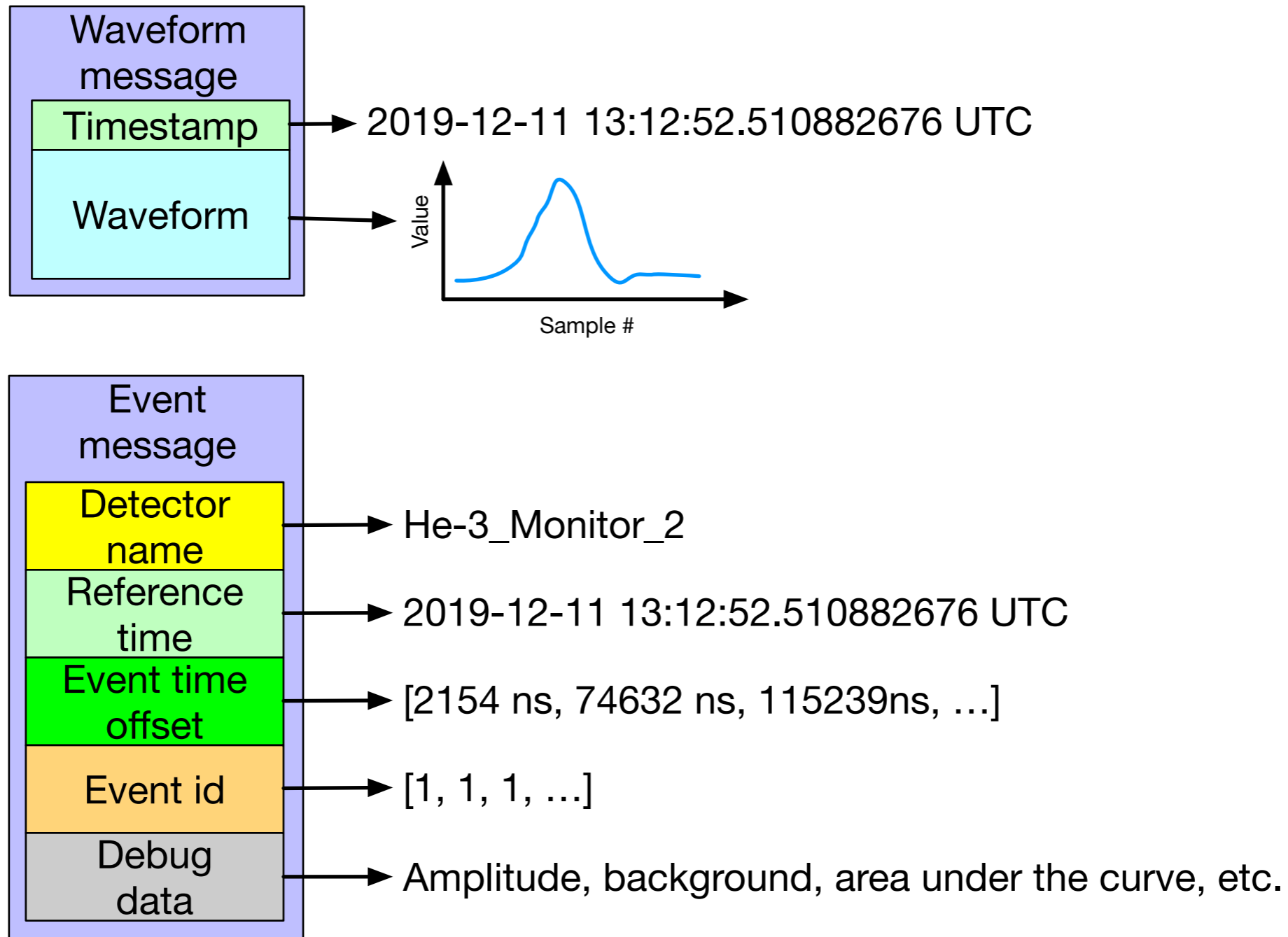




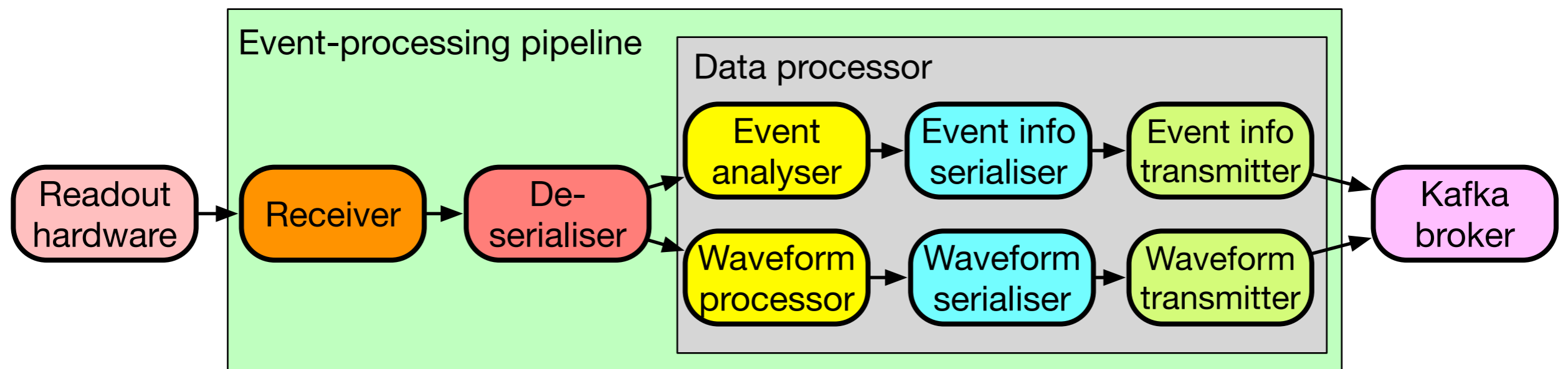
# Event-processing pipeline






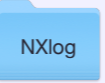



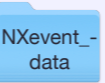




# Event-processing output



# Event-processing pipeline



# File writing output

|   |                    |
|---|--------------------|
|        | LOKI_0000511.nxs   |
| ▼     | entry              |
| ...   | (other data)       |
| ▼    | He-3_Monitor_2     |
| ▼    | waveforms          |
|     | cue_index          |
|    | cue_timestamp_zero |
|    | raw_value          |
| ▼  | events             |
|    | event_id           |
|    | event_index        |
|    | event_time_offset  |
|    | event_time_zero    |
| ...   | (debug data)       |

*finis*