

# Root in EUSO

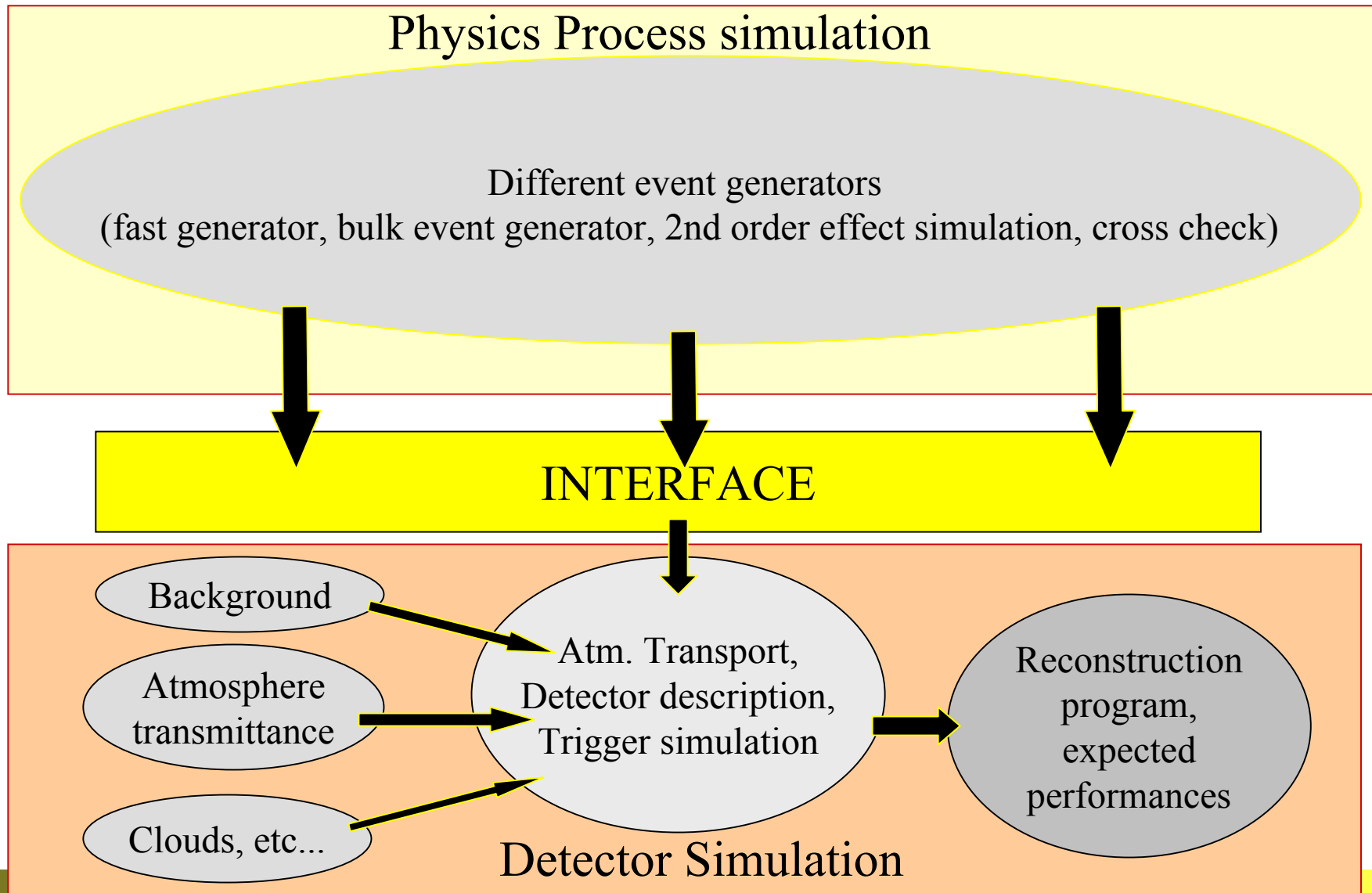
## ◆ Background

- Following the Palermo SW Meeting
  - May 3-4, 2001
- Following the Simulation Scheme
  - See SW-minutes

→ Need of an Interface

→ Simulations-Reconstruction





# Root in EUSO

## ◆ Motivations

- Propose a **common** Tool kit/Framework for this Interface in EUSO
- With functionalities:
  - Integrate (input) several simulation packages
    - read files (ASCII format, bin), trigger threads,
  - Read EUSO data
  - Graphical capabilities, GUI (event display)
  - Analysis tools (histograms)
- Usable by everybody (developpers, end-users)



# Root in EUSO

## ◆ Solutions

- Commercial tools: IDL, ...
- Public tools:
  - separate tools: C++, Python,

## ◆ Proposal (Palermo May 2001)

- integrated one: ROOT

### ➔ Presentations

- ➔ ROOT author (R. Brun)
- ➔ ROOT (serious) user (J.Guy)
- ➔ Root in Hess

