Subject: Re: MC-truth match in a 7-photon final state
Posted by Tobias Stockmanns on Tue, 02 Oct 2018 12:21:32 GMT
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Dear Christian,

your EMC clusters have FairLinks pointing to the MC track they were created from. If more than one particle contributed to your cluster you will have a list of FairLinks pointing to all initial particles which deposited energy in the cluster.

You would iterate through all your clusters and check the MC-Id if it matches with your primary photons. If they match you are done. If they do not match you have to take the MC track belonging to the MC Id and ask for its mother Id. You check if the mother is your photon, if not you continue until you either have a matching photon or not.

Cheers,

Tobias