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Subject: Merging reconstructed particles  
Posted by [doublet](#) on Fri, 18 Mar 2011 09:28:41 GMT  
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Dear LCIO users,

1) I would like to merge ReconstructedParticles which are present in a collection "myParticles" but appear in a collection of composites ReconstructedParticles "myJets" where I have added them via the method addParticles().

My concrete case is for bremsstrahlung photons that I want to add to their electron :  
- If I do electron.addParticle(photon), then remove photon from "myParticles", am I sure that the changes are also made in "myJets" collection ?  
Is this the best way to do so ?  
Or do I have to create new collections and use new IMPLs ?

2) And by the way, when I am using addParticles(), is there a way to recalculate the energy-momentum without using an IMPL ?

Thank you in advance for you help.  
Regards,  
Philippe.