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Subject: Re: Hector and Hector+ arrangement  
Posted by [thuyuk](#) on Wed, 24 Sep 2014 09:10:48 GMT  
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Hi Michael,

In fact, I have done some improvements in the calculation of the particle trajectory, taking into account also the target's forward position. In other words, in this algorithm, I don't make the traslation of the x-y plane of Ta-DSSSD, but I make the projection of it at a given distance by `ztarget_offset` in the `par` file.

I tried to be put it in parallel with the `DopplerCorrection.cpp` inside the AGATA plugin, which seems to work fine for AGATA, but I faced with a problem in case of the HECTOR Scintillators that I'm already familiar with and still not able to solve it :/

So, maybe you can take a look and help me to understand what is wrong. You may find it in the attachment.

The error message I get is:  
`prespec/process/Processor.cpp:629: const double&`  
`prespec::process::Processor::input_value(int): Assertion `inputs_.size() > channel' failed.`

Thank you in advance!  
Tayfun

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## File Attachments

1) [hector.tar.gz](#), downloaded 516 times

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