Subject: Re: GEANE backward propagation
Posted by Lia Lavezzi on Wed, 18 Jun 2008 09:08:07 GMT
View Forum Message <> Reply to Message

Hi Sebastian,
  are you using the GeaneTrackRep::extrapolate(const DetPlane& pl, TMatrixT<double>&
statePred, TMatrixT<double>& covPred, TMatrixT<double>& jacobian)) function? Because in
that function I see that when backprop is true you call _geane->setBackProp() which sets
fPropOption="BLE" but in that case GEANE would make the back-propagation to a specific
tracklength ("L" option), while what we want here is to back-propagate to a plane: so in this
case it should be fPropOption="BPE".

                Hope this helps,
                        Lia.