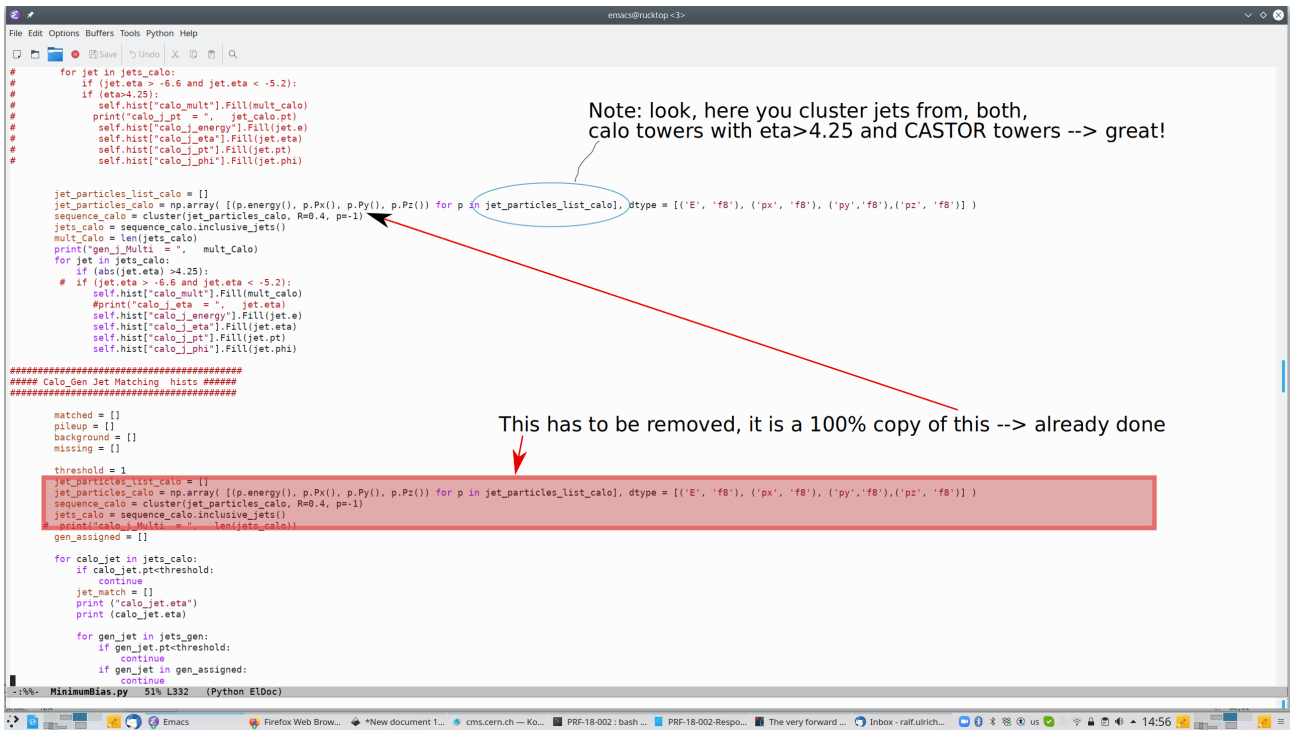
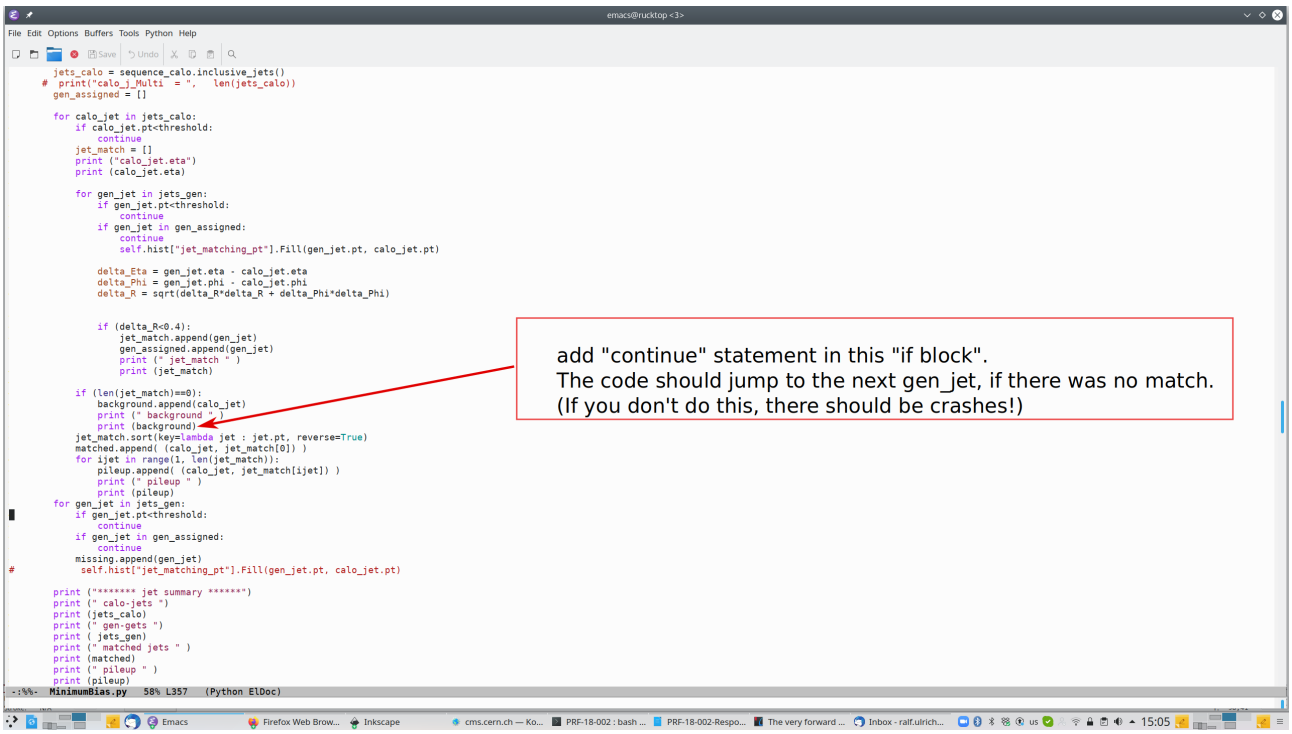
Comments, 23 Nov



Formular_Anmeldung_Mentor_innen_Gruppe_2019_03


emacs@rucktop <3>
File Edit Options Buffers Tools Python Help
Save Undo
jets_calo = sequence_calo.inclusive_jets()
# print("calo_j_Multi = ", len(jets_calo))
gen_assigned = []
for calo_jet in jets_calo:
if calo_jet.pt<threshold:
continue
jet_match = []
print ("calo_jet.eta")
print (calo_jet.eta)
for gen_jet in jets_gen:
if gen_jet.pt<threshold:
continue
if gen_jet in gen_assigned:
continue
self.hist["jet_matching_pt"].Fill(gen_jet.pt, calo_jet.pt)
delta_Eta = gen_jet.eta - calo_jet.eta
delta_Phi = gen_jet.phi - calo_jet.phi
delta_R = sqrt(delta_R*delta_R + delta_Phi*delta_Phi)
if (delta_R<0.4):
jet_match.append(gen_jet)
gen_assigned.append(gen_jet)
print (" jet_match ")
print (jet_match)
if (len(jet_match)==0):
background.append(calo_jet)
print (" background ")
print (background)
jet_match.sort(key=lambda jet : jet.pt, reverse=True)
matched.append((calo_jet, jet_match[0]))
for ijet in range(1, len(jet_match)):
pileup.append((calo_jet, jet_match[ijet]))
print (" pileup ")
print (pileup)
for gen_jet in jets_gen:
if gen_jet.pt<threshold:
continue
if gen_jet in gen_assigned:
continue
missing.append(gen_jet)
# self.hist["jet_matching_pt"].Fill(gen_jet.pt, calo_jet.pt)
print ("******* jet summary ******")
print (" calo-jets ")
print (jets_calo)
print (" gen-gets ")
print (jets_gen)
print (" matched jets ")
print (matched)
print (" pileup ")
print (pileup)
-:%%- MinimumBias.py 58% L357 (Python ElDoc)
add "continue" statement in this "if block".
The code should jump to the next gen_jet, if there was no match.
(If you don't do this, there should be crashes!)
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