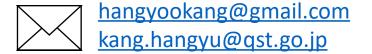




Scintillation Process issue in GATEv9.0 (Solution: GATEv9.0 + Geant4.9.05.p01)

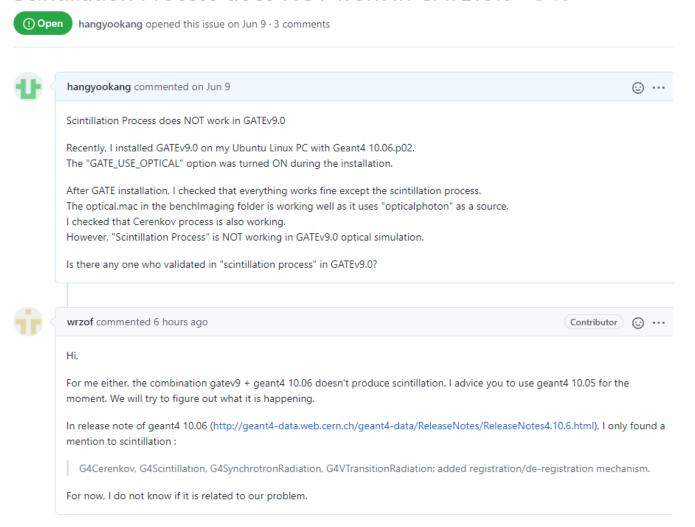
Han Gyu Kang Imaging Physics Group 2020.10.21.Wednesday



Scintillation Process in GATEv9.0

Issue #346 (by Han Gyu Kang)

Scintillation Process does NOT work in GATEv9.0 #346

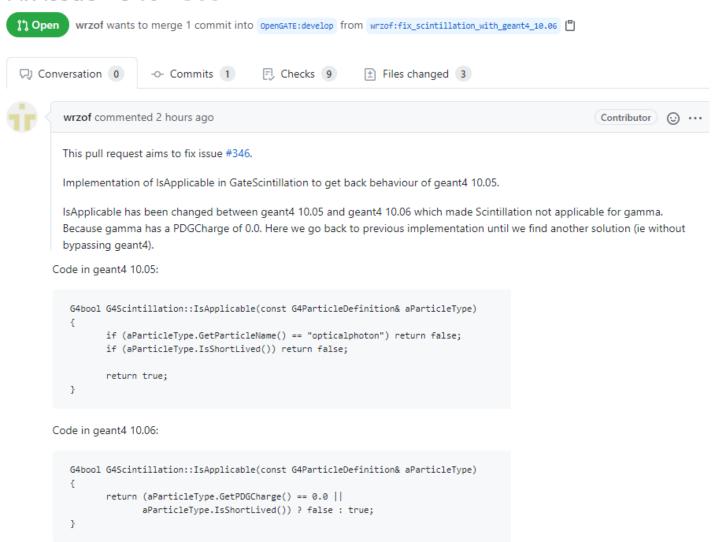


Issue (Jun 9, 2020)

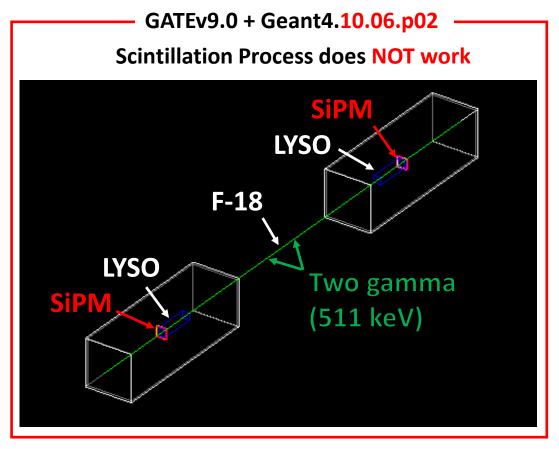
Fix (Oct 21, 2020)

Fix issue

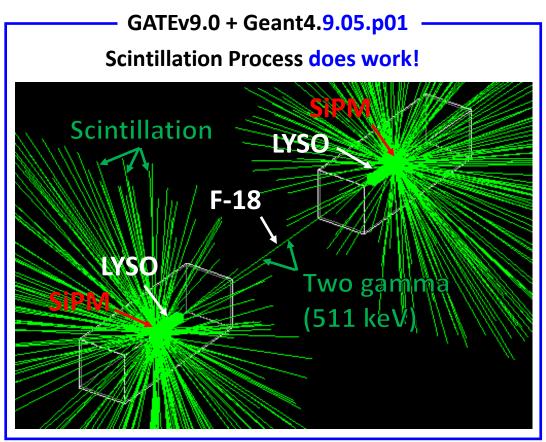
Fix issue #346 #368



Scintillation Process in GATEv9.0



```
G4bool G4Scintillation::IsApplicable(const G4ParticleDefinition& aParticleType)
{
{ return (aParticleType.GetPDGCharge() == 0.0 | |
aParticleType.IsShortLived()) ? false : true; }
}
```



```
G4bool G4Scintillation::lsApplicable(const G4ParticleDefinition& aParticleType)
{
    if (aParticleType.GetParticleName() == "opticalphoton") return false;
    if (aParticleType.IsShortLived())
    return false; return true;
}
```