## PROPOSED MODIFICATIONS OF EM AND RELATED INTERFACES

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## Modifications in EM categories

- All major migrations already done
- We want to force migration for 9.6 of msc sampling from PostStep to AlongStep to avoid any clash with Geant4 MT developments
  - This will not affect user interface
- We want to remove few obsolete methods in the base EM classes
  - Warning messege will be added to all these classes
- We plan to remove few obsolete models
  - In particular decrease number of UrbanMscModels
- DNA development may require addition of new methods

## Possible suggesting to kernel

- Provide public interfaces with const pointers/references to const objects:
  - const G4ParticleDefinition\*
  - const G4Material\*
- Remove «ApplyCuts» from G4SteppingManager and G4ParticleDefinition
- From yestaday discussion on hadronics we support remove of 7 intermediate classes G4VDiscreteProcess, G4VRestProcess....