NE697: Introduction to Geant4

Geant4 from Scratch

October 26th, 2021
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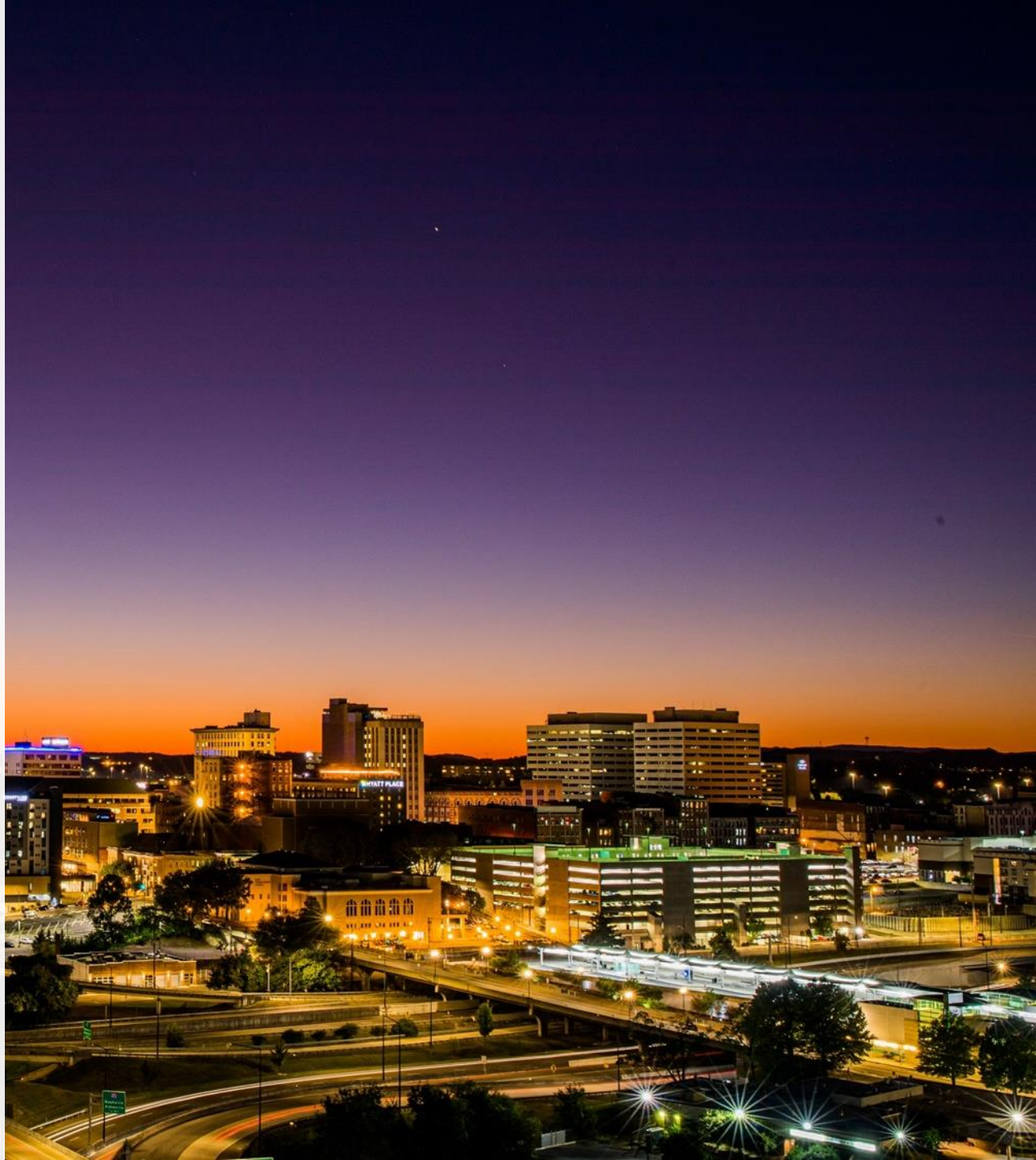
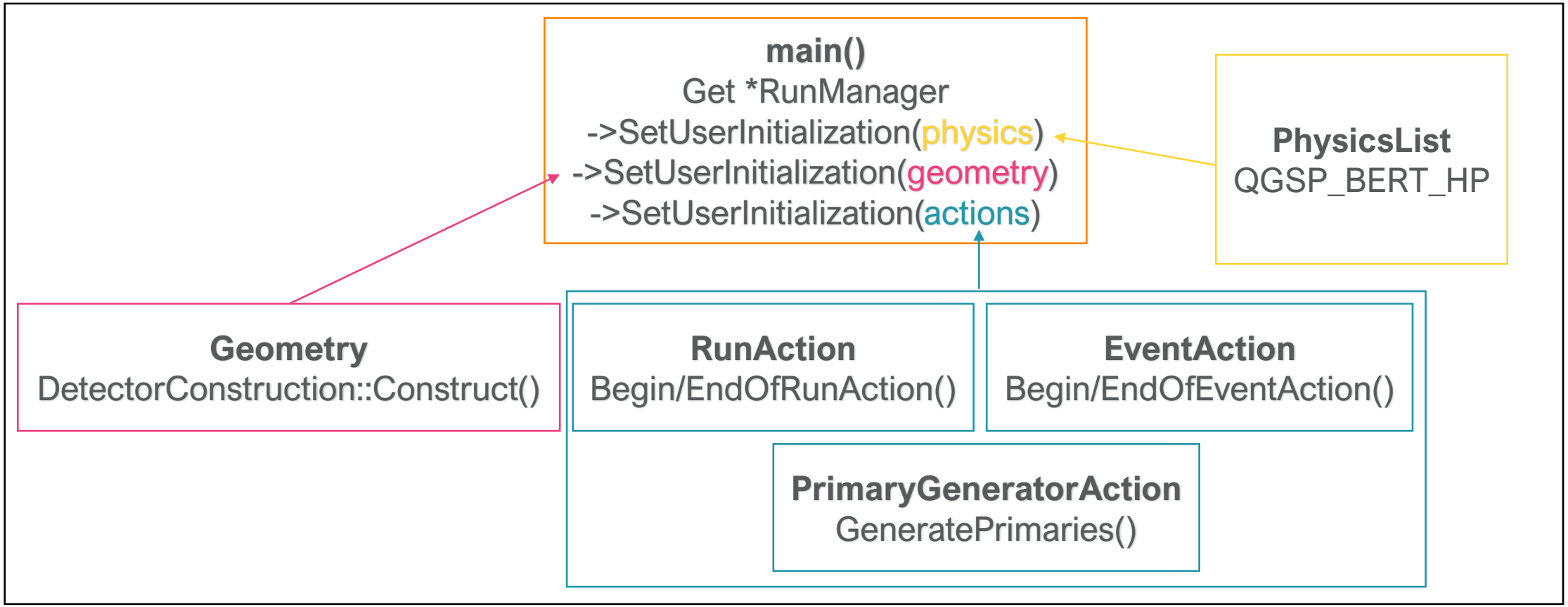


Today's Agenda

- Assignment 5 questions?
  - Due next Monday, Nov. 1, midnight Pacific
- Note: OpNovice command-line args (use –m followed by the .mac file name)
- Building our own Geant4 simulation
- Start thinking about what you want to do for your final project

Geant4 Core Program Anatomy



Geant4: NE697 Version

- Minimum working example using best practices
- [DEMO]
  - Build system & directory structure
  - main()
  - DetectorConstruction
  - Physics
  - PrimaryGeneratorAction
  - ActionInitialization
  - EventAction
  - RunAction